





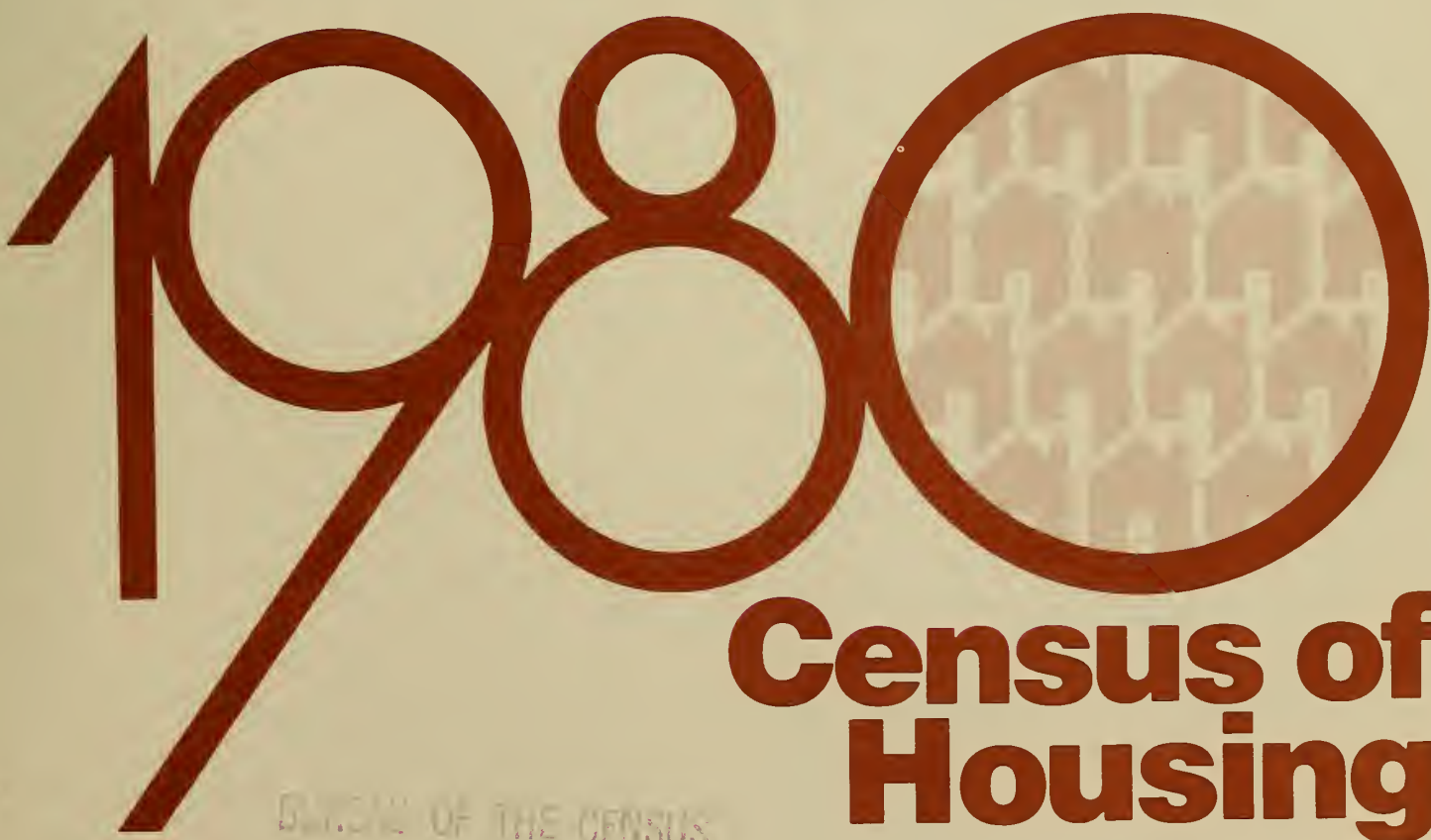
# Metropolitan Housing Characteristics

Census  
REF  
HD  
7293  
.A56x  
1933  
v.2  
pt.92  
c.1

**BINGHAMTON, N.Y.-PA.**

STANDARD METROPOLITAN STATISTICAL AREA

1980



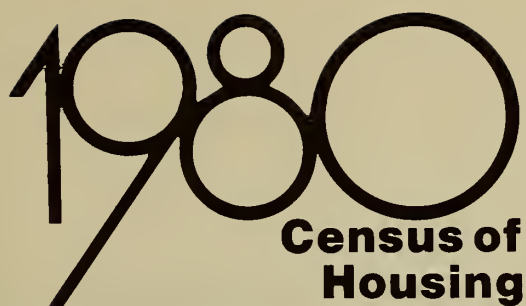
**Census of  
Housing**

DIVISION OF THE CENSUS  
LIBRARY

U.S. Department of Commerce  
BUREAU OF THE CENSUS







VOLUME 2

# Metropolitan Housing Characteristics

**BINGHAMTON, N.Y.-PA.**

HC80-2-92

Issued October 1983



U.S. Department of Commerce  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

BUREAU OF THE CENSUS  
C. L. Kincannon, Acting Director

## Data Index

For list of contents see page IX.

	Table
Value . . . . .	1, 14, 25, 36, 47, 58
Gross Rent. . . . .	2, 15, 26, 37, 48, 59
Income and Poverty Status in 1979 of Owner- Occupied Housing Units . . . . .	3, 16, 27, 38, 49, 60
Income and Poverty Status in 1979 of Renter- Occupied Housing Units . . . . .	4, 17, 28, 39, 50, 61
Selected Monthly Owner Costs for Mortgaged Housing Units . . . . .	5, 18, 29, 40, 51, 62
Selected Monthly Owner Costs for Not Mortgaged Housing Units . . . . .	6, 19, 30, 41, 52, 63
Year Structure Built. . . . .	7, 20, 31, 42, 53, 64
Units in Structure . . . . .	8, 21, 32, 43, 54, 65
Size of Household . . . . .	9, 22, 33, 44, 55, 66
Household Composition and Age of Householder . . .	10, 23, 34, 45, 56, 67
One-Person Households . . . . .	11, 24, 35, 46, 57, 68
Duration of Vacancy . . . . .	12
Price Asked and Rent Asked . . . . .	13



**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

**HOUSING DIVISION**  
Arthur F. Young, Chief

## Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, **Bruce Chapman** and Deputy Director, **C. L. Kincannon**. Primary direction of the data publication program was performed by **William P. Butz**, Associate Director for Demographic Fields, assisted by **Peter A. Bounpane**, Assistant Director for Demographic Census, in conjunction with **Barbara A. Bailar**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Acting Associate Director for Information Technology, **James D. Lincoln**, then Associate Director for Administration, and **Stanley D. Moore**, Associate Director for Field Operations. The Director's staff was assisted by **Sherry L. Courtland**. Direction of the census enumeration and early processing activities was provided by **Vincent P. Barabba**, former Director; **Daniel B. Levine**, former Deputy Director; and **George E. Hall**, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of **Stanley D. Matchett**, Chief, assisted by **Rachel F. Brown** and **Roger O. Lepage**, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: **Donald R. Dalzell**, **H. Ray Dennis**, **Stephen E. Goldman**, **Dennis W. Stout**, and **Richard R. Warren**.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of **Arthur F. Young**, Chief; **Leonard J. Norry**, Assistant Chief; and **William A. Downs**, Chief, Decennial Planning and Data Services Branch. This report was prepared by **Robert W. Bonnette**, **Carol A. Comisarow**, **Richard G. Knapp**, and **Charles N. Moore**. Important contributions were made by **Carmina F. Young**, Special Assistant.

Administration support was provided by the Administrative Services Division, **Robert L.**

**Kirkland**, Chief, and **William C. Fanning**, Assistant Chief.

Computer processing was performed in the Computer Services Division, **C. Thomas DiNenna**, Chief, **James E. Steed**, **George M. Bowden**, and **Joseph J. Sferrella**, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, **James S. Werking**, then Chief, under the direction of **Harry O'Haver**, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, **Don L. Adams**, Chief; Jeffersonville Processing Office, **Robert L. Kirkland**, then Processing Manager; New Orleans Processing Office, **Robert L. Allen**, Chief; and Laguna Niguel Processing Office, **Robert N. Scheller**, Chief.

User services were provided by the Data User Services Division under the supervision of **Michael G. Garland**, Chief, **Marshall L. Turner, Jr.**, and **Paul T. Zeisset**, Assistant Chiefs.

Data collection activities were supervised in the Field Division by **Lawrence T. Love**, Chief, under the direction of **Richard Blass**, **Charles Hancock**, and **George T. Reiner**, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of **Robert W. Marx**, Chief; **Joseph J. Knott** and **Silla G. Tomasi**, Assistant Chiefs; and **Donald I. Hirschfeld**, Special Assistant.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, **Raymond J. Koski**, Chief; **Milton S. Andersen**, **Arlene C. Duckett**, and **Gerald A. Mann**, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and

producing variance estimates. This work was supervised by **Charles D. Jones**, Chief; **Susan M. Miskura** and **Robert T. O'Reagan**, Assistant Chiefs. Important contributions were made by **David H. Diskin**, **Milton C. Fan**, **Thomas W. Harahush**, **Robert S. Jewett**, **J. Kim**, **Teresa A. Passalacqua**, **Charles E. Talbert**, **John H. Thompson**, and **Henry F. Woltman**.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, **C. Thomas DiNenna**, Acting Chief, and **Robert J. Varson**, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

### Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 2, Metropolitan housing characteristics.

HC80-2-

Issued August 1983—

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Metropolitan housing characteristics.

HD7293.A6114 312'.9'0973 81-607957  
AACR2

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.

# List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North Charleston, S.C.
2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.		
5	Arkansas	45	Texas			116	Charlotte-Gastonia, N.C.
6	California	46	Utah	81	Bakersfield, Calif.	117	Charlottesville, Va.
7	Colorado	47	Vermont	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
8	Connecticut	48	Virginia	83	Bangor, Maine	119	Chicago, Ill.
9	Delaware	49	Washington	84	Baton Rouge, La.		
10	Not assigned	50	West Virginia	85	Battle Creek, Mich.	120	Chico, Calif.
11	Florida	51	Wisconsin	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
12	Georgia	52	Wyoming	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
13	Hawaii	53	Puerto Rico	88	Bellingham, Wash.	123	Cleveland, Ohio
14	Idaho	54	Not assigned	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
15	Illinois	55	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.		
22	Maryland	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	131	Dallas-Fort Worth, Tex.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	132	Danbury, Conn.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	133	Danville, Va.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	134	Davenport-Rock Island-Moline, Iowa-Ill.
26	Mississippi			101	Bridgeport, Conn.	135	Dayton, Ohio
27	Missouri	65	Altoona, Pa.	102	Bristol, Conn.		
28	Montana			103	Brockton, Mass.	136	Daytona Beach, Fla.
29	Nebraska	66	Amarillo, Tex.	104	Brownsville-Harlingen-San Benito, Tex.	137	Decatur, Ill.
30	Nevada	67	Anaheim-Santa Ana-Garden Grove, Calif.	105	Bryan-College Station, Tex.	138	Denver-Boulder, Colo.
31	New Hampshire	68	Anchorage, Alaska			139	Des Moines, Iowa
32	New Jersey	69	Anderson, Ind.	106	Buffalo, N.Y.	140	Detroit, Mich.
33	New Mexico	70	Anderson, S.C.	107	Burlington, N.C.	141	Dubuque, Iowa
34	New York			108	Burlington, Vt.	142	Duluth-Superior, Minn.
35	North Carolina	71	Ann Arbor, Mich.	109	Caguas, P.R.		
		72	Anniston, Ala.	110	Canton, Ohio	143	Eau Claire, Wis.
36	North Dakota	73	Appleton-Oshkosh, Wis.			144	El Paso, Tex.
37	Ohio	74	Arecibo, P.R.	111	Casper, Wyo.	145	Elkhart, Ind.
38	Oklahoma	75	Asheville, N.C.	112	Cedar Rapids, Iowa		
39	Oregon			113	Champaign-Urbana-Rantoul, Ill.	146	Elmira, N.Y.
40	Pennsylvania	76	Athens, Ga.			147	Enid, Okla.



# List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
148	Erie, Pa.	187	Indianapolis, Ind.	227	Louisville, Ky.-Ind.	265	Norfolk-Virginia Beach- Portsmouth, Va.-N.C.
149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.				
				239	Memphis, Tenn.-Ark.— Miss.	276	Panama City, Fla.
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
164	Fort Wayne, Ind.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
165	Fresno, Calif.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
				244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
166	Gadsden, Ala.	206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
167	Gainesville, Fla.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.		
				249	Muncie, Ind.	286	Pittsburgh, Pa.
171	Grand Forks, N.Dak.- Minn.	211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
172	Grand Rapids, Mich.	212	Laredo, Tex.			288	Ponce, P.R.
173	Great Falls, Mont.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
174	Greeley, Colo.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
175	Green Bay, Wis.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
				254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
176	Greensboro-Winston-Salem- High Point, N.C.	216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	218	Lewiston-Auburn, Maine	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	219	Lexington-Fayette, Ky.	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
180	Harrisburg, Pa.	220	Lima, Ohio	259	New Orleans, La.		
		221	Lincoln, Nebr.	260	New York, N.Y.-N.J.	296	Racine, Wis.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.			297	Raleigh-Durham, N.C.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.	261	Newark, N.J.	298	Reading, Pa.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	262	Newark, Ohio	299	Redding, Calif.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	300	Reno, Nev.
185	Huntington-Ashland, W. Va.-Ky.-Ohio			264	Newport News-Hampton, Va.		
		226	Los Angeles-Long Beach, Calif.			301	Richland-Kennewick- Pasco, Wash.
186	Huntsville, Ala.					302	Richmond, Va.
						303	Riverside-San Bernardino- Ontario, Calif.



# List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.					370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.		
314	Salem, Oreg.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
		334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.					375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	336	South Bend, Ind.	356	Tulsa, Okla.		
318	San Angelo, Tex.	337	Spokane, Wash.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
319	San Antonio, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	377	Yakima, Wash.
320	San Diego, Calif.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
		340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.			380	Yuba City, Calif.
322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.		



A. Area Classifications . . . . .	A-1
B. Definitions and Explanations of Subject Characteristics. . . . .	B-1
C. General Enumeration and Processing Procedures . . . . .	C-1
D. Accuracy of the Data . . . . .	D-1
E. Facsimiles of Respondent Instructions and Questionnaire Pages . . . . .	E-1
F. Publication and Computer Tape Program . . . .	F-1

## Introduction

GENERAL. . . . .	VII
CONTENTS OF THE REPORT . . .	VII
DERIVED FIGURES (Means, Medians, and Percents) . . . . .	VIII
SYMBOLS AND GEOGRAPHIC ABBREVIATIONS . . . . .	VIII
SUPPRESSION OF DATA FOR CONFIDENTIALITY. . . . .	VIII

### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.



### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

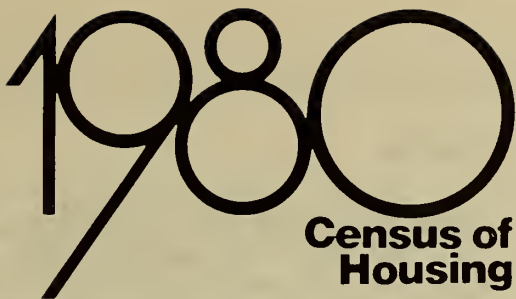
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



# Metropolitan Housing Characteristics

**BINGHAMTON, N.Y.-PA.**

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-92

## Contents

### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

**Index of Tables**—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . . **IX**

**List of Tables**—shows the table numbers and titles for each of the 68 tables . . . . . **X**

**Table Finding Guide**—shows the tables in which the various subject cross-classifications presented in the report appear . . . . . **XII**

**Map**—Standard Metropolitan Statistical Areas, Counties, and Selected Places . . . . . **XIV**

## INDEX OF TABLES

Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total . . . . .	A	1 to 12	—	—	—	—	—
Binghamton . . . . .	B	13 to 24	—	—	—	—	—



## LIST OF TABLES

(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

## TABLES

1. Value of Owner-Occupied Housing Units: 1980
2. Gross Rent of Renter-Occupied Housing Units: 1980
3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980
4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980
5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980
6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980
7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980
8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980
9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980
10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980
11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980
12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980
13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980
14. Value of Owner-Occupied Housing Units With a White Householder: 1980
15. Gross Rent of Renter-Occupied Housing Units With a White Householder: 1980
16. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a White Householder: 1980
17. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a White Householder: 1980

## TABLES

18. Selected Monthly Owner Costs for Mortgaged Housing Units With a White Householder: 1980
19. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a White Householder: 1980
20. Year Structure Built for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
21. Units in Structure for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
22. Owner- and Renter-Occupied Housing Units With a White Householder by Size of Household: 1980
23. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
24. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
25. Value of Owner-Occupied Housing Units With a Black Householder: 1980
26. Gross Rent of Renter-Occupied Housing Units With a Black Householder: 1980
27. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Black Householder: 1980
28. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Black Householder: 1980
29. Selected Monthly Owner Costs for Mortgaged Housing Units With a Black Householder: 1980
30. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Black Householder: 1980
31. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
32. Units in Structure for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
33. Owner- and Renter-Occupied Housing Units With a Black Householder by Size of Household: 1980
34. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
35. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980



TABLES

36. Value of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
37. Gross Rent of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
38. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
39. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
40. Selected Monthly Owner Costs for Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
41. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
42. Year Structure Built for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
43. Units in Structure for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
44. Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder by Size of Household: 1980
45. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
46. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
47. Value of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
48. Gross Rent of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
49. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
50. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
51. Selected Monthly Owner Costs for Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980

TABLES

52. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980
53. Year Structure Built for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
54. Units in Structure for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
55. Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder by Size of Household: 1980
56. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
57. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
58. Value of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
59. Gross Rent of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
60. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
61. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
62. Selected Monthly Owner Costs for Mortgaged Housing Units With a Spanish Origin Householder: 1980
63. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Spanish Origin Householder: 1980
64. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
65. Units in Structure for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
66. Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder by Size of Household: 1980
67. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
68. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980

**Table Finding Guide—** Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

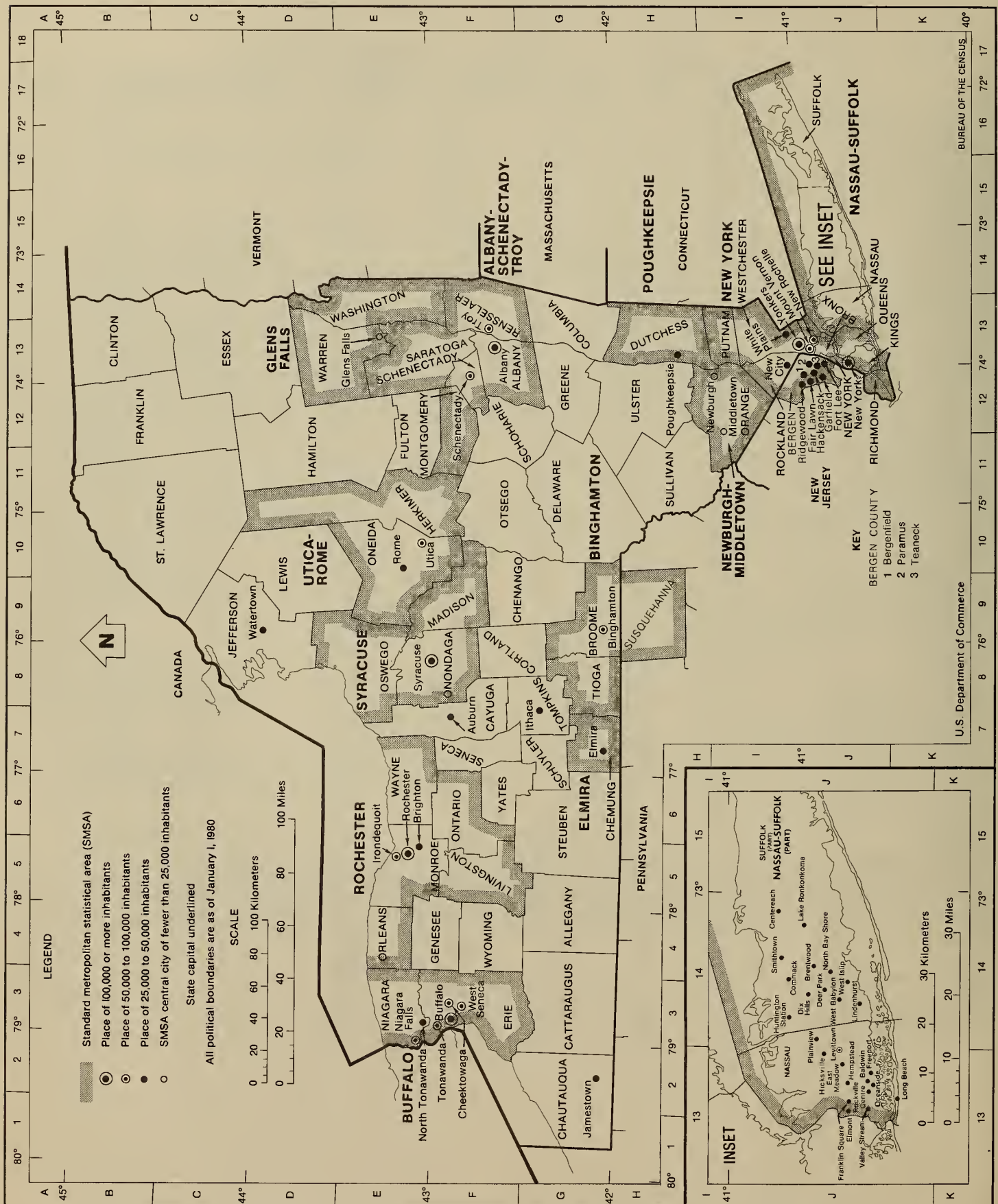
White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit . . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit . . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning . . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel . . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
Value . . . . .	—	—	9	—	—	—	—
Price asked . . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked . . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income . . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.							
White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—



# Standard Metropolitan Statistical Areas, Counties, and Selected Places



# CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

## NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.





Table A-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## The SMSA

The SMSA	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	51 820	832	3 934	8 585	12 476	11 105	6 411	5 763	1 724	797	193	40 100	43 300
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	40 082	405	2 371	5 731	9 574	9 036	5 388	5 118	1 536	747	176	42 000	45 600
15 to 24 years -----	607	9	34	77	191	199	45	43	9	—	—	39 700	40 100
25 to 34 years -----	7 509	43	258	966	2 030	1 923	1 121	899	205	28	36	42 100	44 800
35 to 44 years -----	9 024	59	466	1 009	1 763	1 971	1 434	1 457	553	259	53	46 000	50 200
45 to 64 years -----	17 045	151	1 002	2 447	3 973	3 796	2 272	2 232	686	420	66	42 300	46 300
65 years and over -----	5 897	143	611	1 232	1 617	1 147	516	487	83	40	21	35 200	38 100
Male householder, no wife present -----	3 423	170	452	802	834	584	334	168	60	15	4	32 800	35 100
15 to 24 years -----	112	2	10	32	28	21	14	—	5	—	—	34 600	35 900
25 to 34 years -----	583	—	74	128	132	111	86	40	12	—	—	35 800	38 200
35 to 44 years -----	509	43	68	87	111	79	85	22	2	12	—	34 300	36 500
45 to 64 years -----	1 049	52	140	252	232	220	62	52	32	3	4	32 600	35 300
65 years and over -----	1 170	73	160	303	331	153	87	54	9	—	—	31 200	32 500
Female householder, no husband present -----	8 315	257	1 111	2 052	2 068	1 485	689	477	128	35	13	33 300	35 600
15 to 24 years -----	27	—	2	—	11	14	—	—	—	—	—	40 300	38 900
25 to 34 years -----	488	3	75	110	161	63	53	18	5	—	—	32 900	35 000
35 to 44 years -----	911	34	48	184	195	217	115	82	30	2	4	39 800	41 700
45 to 64 years -----	2 858	73	348	667	729	492	262	218	54	11	4	34 200	36 900
65 years and over -----	4 031	147	638	1 091	972	699	259	159	39	22	5	31 300	33 300
Median age -----	50.7	61.7	58.2	56.0	52.1	49.0	46.6	46.9	45.7	48.1	46.0	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	3 809	37	170	425	711	955	610	586	217	68	30	45 900	49 500
1975 to 1978 -----	10 298	69	505	1 319	2 468	2 277	1 488	1 403	500	236	33	43 300	47 200
1970 to 1974 -----	8 629	122	561	1 124	1 986	1 806	1 147	1 231	429	170	53	42 600	46 600
1960 to 1969 -----	12 786	219	872	1 918	2 865	2 866	1 793	1 561	410	235	47	41 600	44 700
1959 or earlier -----	16 298	385	1 826	3 799	4 446	3 201	1 373	982	168	88	30	34 400	36 500
ROOMS													
1 to 3 rooms -----	393	87	98	80	57	38	15	13	5	—	—	21 000	24 900
4 rooms -----	2 795	145	593	860	642	347	106	81	7	14	—	27 000	29 500
5 rooms -----	9 147	222	852	1 978	3 006	2 135	553	374	24	3	—	34 800	35 300
6 rooms -----	15 433	176	1 193	2 690	4 504	3 966	1 835	929	106	31	3	38 000	38 700
7 rooms -----	11 222	105	678	1 696	2 360	2 411	1 874	1 693	268	111	26	43 200	44 900
8 or more rooms -----	12 830	97	520	1 281	1 907	2 208	2 028	2 673	1 314	638	164	51 800	56 700
Median -----	6.4	5.3	5.9	6.0	6.1	6.3	6.9	7.4	8.4	8.5+	8.5+	...	...
BEDROOMS													
None -----	25	7	—	—	6	6	—	6	—	—	—	39 400	40 700
1 -----	933	97	294	235	114	120	33	40	—	—	—	22 000	26 700
2 -----	8 527	326	1 203	2 204	2 376	1 499	470	393	33	16	7	32 000	33 300
3 -----	28 359	272	1 726	4 323	7 436	6 898	4 044	2 901	531	175	53	40 600	42 300
4 -----	11 385	105	618	1 510	2 139	2 131	1 522	2 046	858	369	87	45 900	50 900
5 or more -----	2 591	25	93	313	405	451	342	377	302	237	46	50 200	59 200
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	3 309	25	79	124	445	682	694	729	336	146	49	53 800	58 900
1970 to 1974 -----	3 338	41	152	197	444	605	559	781	382	139	38	54 000	57 600
1960 to 1969 -----	9 637	84	240	664	1 477	2 244	1 964	2 039	549	329	47	50 500	53 900
1950 to 1959 -----	10 205	50	325	1 187	2 645	3 204	1 439	1 032	200	99	24	42 700	44 700
1940 to 1949 -----	5 613	61	377	1 172	1 585	1 369	617	322	75	26	9	37 300	38 900
1939 or earlier -----	19 718	571	2 761	5 241	5 880	3 001	1 138	860	182	58	26	31 800	33 600
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	3 113	187	569	782	729	454	208	133	43	8	—	30 200	31 900
\$5,000 to \$9,999 -----	6 067	300	1 020	1 599	1 568	944	287	276	45	17	11	30 600	32 400
\$10,000 to \$12,499 -----	3 571	75	426	859	1 024	717	223	215	16	14	2	33 700	35 200
\$12,500 to \$14,999 -----	3 442	45	357	795	1 007	668	342	187	30	6	5	34 400	36 500
\$15,000 to \$19,999 -----	8 348	90	653	1 545	2 537	2 001	872	501	100	22	27	37 200	39 200
\$20,000 to \$24,999 -----	8 033	90	454	1 281	2 129	2 122	998	798	109	45	7	40 300	41 500
\$25,000 to \$34,999 -----	11 072	27	380	1 299	2 457	2 704	2 048	1 613	415	104	25	44 700	47 100
\$35,000 to \$49,999 -----	6 045	18	65	352	887	1 264	1 154	1 487	576	205	37	53 900	57 200
\$50,000 or more -----	2 129	—	10	73	138	231	279	553	390	376	79	72 500	78 900
Median -----	\$20 793	\$8 665	\$12 218	\$15 770	\$18 663	\$21 696	\$26 280	\$29 659	\$36 877	\$48 116	\$43 524	...	...
Mean -----	\$22 891	\$11 021	\$14 017	\$17 107	\$19 889	\$22 753	\$27 122	\$31 197	\$39 079	\$51 411	\$63 416	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	29 107	210	1 215	3 473	6 750	6 839	4 352	4 183	1 378	612	95	43 900	47 700
Less than 15 percent -----	10 572	81	296	1 230	2 297	2 463	1 780	1 626	494	273	32	45 100	49 000
15 to 19 percent -----	6 949	21	305	838	1 588	1 631	1 010	1 059	343	142	12	44 100	47 900
20 to 24 percent -----	4 668	14	192	450	1 110	1 285	644	615	269	79	10	44 200	47 900
25 to 29 percent -----	2 619	31	102	336	698	553	382	337	129	46	5	42 600	46 200
30 to 34 percent -----	1 426	6	102	212	400	341	160	137	40	17	11	39 800	43 200
35 percent or more -----	2 800	50	213	381	655	559	366	409	95	47	25	41 600	45 600
Not computed -----	73	7	5	26	2	7	10	—	8	—	—	29 600	45 900
Median -----	17.8	19.9	20.1	17.9	18.4	17.9	16.9	17.2	17.8	16.0	21.7	...	...
Not mortgaged -----	22 713	622	2 719	5 112	5 726	4 266	2 059	1 580	346	185	98	34 500	37 600
Less than 10 percent -----	8 730	143	773	1 682	2 334	1 778	949	696	194	120	61	37 400	41 200
10 to 14 percent -----	5 097	100	644	1 145	1 283	906	525	414	52	24	4	34 500	37 000
15 to 19 percent -----	2 782	157	252	745	650	586	169	171	21	16	15	33 100	35 700
20 to 24 percent -----	1 821	68	284	443	454	319	113	92	29	10	9	32 200	34 800
25 to 29 percent -----	1 165	37	235	331	241	163	80	49	16	6	7	28 900	33 400
30 to 34 percent -----	826	17	137	242	220	97	67	39	2	3	2	30 600	33 300
35 percent or more -----	2 193	98	367	499	508	408	156	119	32	6	—	32 400	34 000
Not computed -----	99	2	27	25	36	9	—	—	—	—	—	24 600	26 700
Median -----	12.5	17.1	14.4	13.8	12.0	11.9	10.8	11.1	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	51 602	752	3 850	8 553	12 472	11 091	6 411	5 763	1 724	793	193	40 100	43 400
1.01 or more persons per room -----	659	46	97	198	143	95	47	31	2	—	—	29 400	31 800
Lacking complete plumbing for exclusive use -----	218	80	84	32	4	14	—	—	—	4	—	12 500	17 600
1.01 or more persons per room -----	16	4	3	7	2	—	—	—	—	—	—	25 400	20 400
Heating equipment -----	51 819	832	3 934	8 585	12 476	11 105	6 410	5 763	1 724	797	193	40 100	43 300
Central heating system -----	48 068	556	3 307	7 804	11 670	10 502	6 098	5 503	1 659	787	182	40 600	44 000
Air conditioning -----</													

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>Specified renter-occupied housing units</b>	<b>31 377</b>	<b>1 434</b>	<b>4 005</b>	<b>7 864</b>	<b>7 392</b>	<b>4 803</b>	<b>2 239</b>	<b>905</b>	<b>610</b>	<b>194</b>	<b>1 931</b>	<b>209</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	11 037	131	850	2 321	2 656	2 113	1 107	491	309	118	941	232
15 to 24 years	1 864	5	98	533	615	369	113	32	12	12	75	220
25 to 34 years	4 107	44	258	861	992	930	415	200	129	13	265	238
35 to 44 years	1 497	15	72	197	343	305	214	113	59	59	120	258
45 to 64 years	2 058	34	185	347	417	316	188	117	101	29	327	237
65 years and over	1 511	33	237	383	289	193	177	29	8	8	154	204
Male householder, no wife present	7 493	380	1 252	1 924	1 671	1 015	523	191	132	40	365	200
15 to 24 years	2 060	40	252	508	586	288	207	90	55	8	26	216
25 to 34 years	2 366	49	248	697	667	381	191	27	32	4	70	209
35 to 44 years	1 826	19	127	179	181	161	52	14	37	16	40	219
45 to 64 years	1 469	130	393	397	176	163	73	45	6	6	100	169
65 years and over	1 247	142	252	143	61	32	—	15	2	6	129	139
Female householder, no husband present	12 847	923	1 903	3 619	3 065	1 675	609	223	169	36	625	195
15 to 24 years	2 230	63	266	676	775	245	96	47	55	3	4	206
25 to 34 years	2 907	48	318	872	779	598	191	44	20	4	33	211
35 to 44 years	1 346	22	110	320	344	277	138	53	11	5	66	222
45 to 64 years	2 548	187	386	893	569	245	56	36	26	6	144	185
65 years and over	3 816	603	823	858	598	310	128	43	57	18	378	166
Median age	35.4	66.6	51.2	33.8	31.0	32.1	33.4	35.6	35.1	39.9	56.1	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	13 414	412	1 183	3 005	3 607	2 553	1 266	611	370	113	294	224
1975 to 1978	9 640	392	1 276	2 647	2 264	1 532	650	206	184	37	452	206
1970 to 1974	3 530	250	551	1 048	713	398	162	37	34	44	293	190
1960 to 1969	2 768	214	632	710	531	243	110	51	18	—	259	177
1959 or earlier	2 025	166	363	454	277	77	51	—	4	—	633	170
<b>ROOMS</b>												
1 room	912	359	334	93	78	25	8	—	—	2	13	109
2 rooms	1 643	212	471	449	236	126	50	13	—	—	86	156
3 rooms	6 593	520	1 354	2 533	1 184	558	195	52	17	—	180	174
4 rooms	8 828	213	954	2 357	2 533	1 463	660	218	102	19	309	213
5 rooms	7 433	82	620	1 523	2 125	1 561	695	228	123	54	422	229
6 rooms	3 639	36	191	680	938	730	362	203	171	41	287	241
7 or more rooms	2 329	12	61	229	298	340	269	191	197	78	634	284
Median	4.2	2.8	3.4	3.9	4.4	4.6	4.8	5.2	5.9	6.0	5.4	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979	31 377	1 434	4 005	7 864	7 392	4 803	2 239	905	610	194	1 931	209
Complete plumbing for exclusive use	30 278	1 105	3 665	7 728	7 259	4 729	2 221	899	610	194	1 868	210
0.50 or less	20 237	890	2 659	5 428	4 750	2 777	1 434	430	317	107	1 445	204
0.51 to 1.00	9 293	210	919	2 137	2 314	1 853	686	448	256	85	385	224
1.01 to 1.50	646	5	74	134	163	87	101	15	37	—	30	221
1.51 or more	102	—	13	29	32	12	—	6	—	2	8	210
Lacking complete plumbing for exclusive use	1 099	329	340	136	133	74	18	6	—	—	63	123
0.50 or less	422	72	113	71	76	50	5	—	—	—	35	158
0.51 to 1.00	624	257	220	42	51	18	13	6	—	—	17	105
1.01 to 1.50	40	—	5	23	6	—	—	—	—	—	6	173
1.51 or more	13	—	2	—	—	6	—	—	—	—	5	258
Income in 1979 below poverty level	6 387	575	1 019	1 539	1 487	755	354	166	124	21	347	196
Complete plumbing for exclusive use	6 051	466	922	1 482	1 455	742	352	166	124	21	321	200
1.01 or more persons per room	326	5	55	62	90	39	34	11	20	—	10	218
Lacking complete plumbing for exclusive use	336	109	97	57	32	13	2	—	—	—	26	109
1.01 or more persons per room	13	—	—	7	6	—	—	—	—	—	—	189
<b>BEDROOMS</b>												
None	1 162	386	441	170	117	25	8	—	—	2	13	122
1	10 203	786	2 053	3 751	2 054	850	264	90	19	8	328	177
2	12 828	211	1 119	3 031	3 648	2 428	1 159	347	216	51	618	223
3	5 665	41	326	759	1 408	1 331	659	344	185	52	560	251
4	1 212	6	49	143	148	129	131	91	156	66	293	295
5 or more	307	4	17	10	17	40	18	33	34	15	119	317
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	5 038	44	323	712	982	675	602	278	221	90	1 111	245
2	8 999	221	887	2 433	2 456	1 567	549	262	155	36	433	214
3 and 4	6 305	156	1 079	2 047	1 613	878	317	44	54	10	107	195
5 to 9	4 500	210	709	1 384	1 203	594	229	104	34	—	33	197
10 to 49	4 135	316	620	929	772	644	437	125	55	2	35	209
50 or more	1 287	475	269	131	45	100	33	70	73	56	35	119
Mobile home or trailer, etc.	1 113	12	118	228	321	145	72	22	18	—	177	218
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980	1 784	244	128	86	211	370	348	181	103	28	85	277
1970 to 1974	1 930	119	114	248	450	451	183	95	94	41	135	247
1960 to 1969	3 913	137	211	469	849	1 046	609	202	82	52	256	258
1950 to 1959	2 937	66	390	761	741	483	150	65	99	9	173	209
1940 to 1949	3 923	123	442	1 144	1 110	531	238	88	82	16	149	207
1939 or earlier	16 890	745	2 720	5 156	4 031	1 922	711	274	150	48	1 133	192
<b>STORIES IN STRUCTURE</b>												
1 to 3	29 523	934	3 679	7 463	7 115	4 698	2 194	861	545	138	1 896	211
4 or more	1 854	500	326	401	277	105	45	44	65	56	35	161
With elevator	946	429	159	103	34	13	8	44	65	56	35	105
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent	5 876	422	978	1 874	1 349	760	291	86	71	45	...	192
15 to 19 percent	5 117	143	673	1 420	1 275	933	420	137	107	9	...	212
20 to 24 percent	4 038	255	435	1 071	1 036	688	318	146	77	12	...	211
25 to 29 percent	2 974	220	415	700	723	476	226	120	66	28	...	209
30 to 34 percent	2 204	145	261	470	565	409	190	101	39	24	...	220
35 to 49 percent	3 896	130	692	880	1 013	587	328	129	86	51	...	212
50 percent or more	4 917	58	499	1 330	1 364	898	422	164	161	21	...	219
Not computed	2 355	61	52	119	67	52	44	22	3	4	1 931	188
Median	24.4	22.4	23.7	22.7	25.0	25.0	26.5	28.0	28.7	30.2	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	31 362	1 434	3 993	7 861	7 392	4 803	2 239	905	610	194	1 931	209
Central heating system	27 582	1 330	3 215	6 789	6 468	4 438	2 048	849	583	180	1 682	211
Air conditioning	6 424	174	439	1 046	1 361	1 417	848	365	246	107	421	249
Central system	1 345	36	77	94	143	298	302	160	119	80	36	301



Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	73 687	5 349	10 065	5 811	5 458	11 874	10 810	14 177	7 447	2 696	19 254	21 490	4 235
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	55 238	1 314	5 152	3 962	3 984	9 484	9 287	12 714	6 885	2 456	21 843	24 209	1 808
15 to 24 years	1 244	55	148	166	148	322	234	142	27	2	16 483	16 862	80
25 to 34 years	10 295	145	520	745	923	2 631	2 263	2 318	622	128	20 369	21 491	311
35 to 44 years	11 882	196	469	424	596	1 981	2 250	3 531	1 855	580	25 053	27 186	479
45 to 64 years	22 979	382	1 276	1 299	1 320	3 187	3 771	6 062	4 129	1 553	25 367	27 694	532
65 years and over	8 838	536	2 739	1 328	997	1 363	769	661	252	193	12 154	15 348	406
Male householder, no wife present	5 798	782	1 334	568	494	849	661	696	270	144	13 588	16 562	460
15 to 24 years	226	16	59	37	30	52	13	5	4	10	12 583	14 850	9
25 to 34 years	994	41	139	132	140	173	134	175	49	11	15 900	18 692	60
35 to 44 years	847	32	111	63	47	183	152	154	60	45	19 684	22 262	59
45 to 64 years	1 880	183	267	212	162	313	286	261	129	67	16 706	19 235	161
65 years and over	1 851	510	758	124	115	128	76	101	28	11	7 124	10 304	171
Female householder, no husband present	12 651	3 253	3 579	1 281	980	1 541	862	767	292	96	9 212	11 873	1 967
15 to 24 years	122	10	42	10	8	6	24	22	—	—	12 250	15 134	13
25 to 34 years	829	135	208	119	72	155	84	42	14	—	11 502	12 698	177
35 to 44 years	1 262	121	242	121	125	278	173	144	58	—	15 433	16 182	184
45 to 64 years	4 208	670	1 112	552	369	640	358	314	127	66	11 458	13 974	556
65 years and over	6 230	2 317	1 975	479	406	462	223	245	93	30	6 601	9 408	1 037
Median age	51.4	69.8	66.3	57.6	54.3	45.9	45.4	46.5	48.4	50.6	...	...	59.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	5 901	310	562	529	534	1 153	939	1 143	552	179	19 407	21 818	332
1975 to 1978	15 196	574	1 341	1 179	1 231	3 039	2 733	3 129	1 448	522	20 378	22 555	722
1970 to 1974	12 404	641	1 283	873	835	2 243	2 045	2 552	1 416	516	20 696	22 798	654
1960 to 1969	16 811	981	1 899	976	895	2 256	2 494	4 013	2 417	880	22 737	24 490	870
1959 or earlier	23 375	2 843	4 980	2 254	1 963	3 183	2 599	3 340	1 614	599	14 551	17 862	1 657
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	72 915	5 112	9 891	5 740	5 389	11 770	10 756	14 135	7 428	2 694	19 364	21 598	4 042
1.01 or more persons per room	1 081	38	115	84	96	211	149	245	116	27	19 912	21 879	159
Lacking complete plumbing for exclusive use	772	237	174	71	69	104	54	42	19	2	9 290	11 227	193
1.01 or more persons per room	46	8	7	5	3	15	2	6	—	—	15 000	14 379	11
Heating equipment	73 684	5 349	10 065	5 811	5 456	11 874	10 809	14 177	7 447	2 696	19 254	21 490	4 235
Central heating system	66 451	4 477	8 751	5 049	4 795	10 571	9 824	13 256	7 124	2 604	19 797	22 023	3 409
Air conditioning	15 709	562	1 607	1 093	1 051	2 563	2 391	3 369	2 115	958	21 830	24 997	482
Central system	2 026	69	156	55	120	265	182	464	416	299	27 470	32 658	61
Vehicles available	69 431	3 456	8 534	5 525	5 246	11 653	10 755	14 147	7 425	2 690	20 127	22 378	3 247
1	26 579	2 608	6 080	3 281	2 673	4 987	3 107	2 825	726	292	13 735	15 594	1 982
2 or more	42 852	848	2 454	2 244	2 573	6 666	7 648	11 322	6 699	2 398	24 288	26 587	1 265
House heating fuel	73 684	5 349	10 065	5 811	5 456	11 874	10 809	14 177	7 447	2 696	19 254	21 490	4 235
Utility gas	33 337	2 076	4 127	2 101	2 172	5 080	4 829	7 000	4 231	1 721	21 061	23 540	1 394
Battled, tank, or LP gas	1 041	162	170	152	122	185	100	115	35	—	13 248	14 765	140
Electricity	5 918	191	450	435	375	842	1 073	1 383	856	313	23 170	25 235	167
Fuel oil, kerosene, etc.	27 863	2 391	4 439	2 558	2 357	4 729	3 932	4 789	2 064	604	17 177	19 250	1 958
Other	5 525	529	879	565	430	1 038	875	890	261	58	16 661	17 668	576
Median rooms	6.2	5.6	5.7	5.7	5.8	6.1	6.3	6.6	7.2	7.9	...	...	5.8
Specified owner-occupied housing units	51 820	3 113	6 067	3 571	3 442	8 348	8 033	11 072	6 045	2 129	20 793	22 891	2 357
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	29 107	620	1 472	1 426	1 655	4 985	5 323	7 755	4 378	1 493	24 081	26 261	884
Less than \$200	1 282	66	156	119	88	309	264	186	76	18	17 546	19 391	39
\$200 to \$249	3 789	98	336	307	356	894	621	910	241	26	19 444	20 794	132
\$250 to \$299	5 701	111	393	343	398	1 041	1 217	1 559	539	100	21 924	23 171	186
\$300 to \$349	5 459	126	238	284	335	1 165	1 029	1 316	810	156	22 898	24 627	181
\$350 to \$399	4 192	95	102	160	230	672	811	1 216	732	174	25 012	26 860	140
\$400 to \$499	4 855	82	143	149	156	646	997	1 422	922	338	26 539	28 945	123
\$500 to \$599	2 116	26	69	45	59	172	266	767	519	193	29 886	31 765	60
\$600 to \$749	1 229	8	29	19	28	58	100	285	430	272	35 929	39 128	13
\$750 or more	484	8	6	—	5	28	18	94	109	216	33 566	53 245	10
Median	\$335	\$314	\$281	\$292	\$298	\$311	\$327	\$346	\$386	\$476	...	...	\$323
Not mortgaged	22 713	2 493	4 595	2 145	1 787	3 363	2 710	3 317	1 667	636	15 459	18 573	1 473
Less than \$50	43	20	10	6	3	2	—	2	—	—	6 250	8 071	14
\$50 to \$74	447	137	145	31	59	22	36	14	1	2	7 602	9 628	71
\$75 to \$99	1 785	379	507	231	130	166	226	106	40	—	10 070	12 241	173
\$100 to \$124	3 661	627	924	310	371	530	392	407	87	13	12 254	14 283	336
\$125 to \$149	5 455	576	1 163	584	545	964	583	735	284	21	14 356	16 372	334
\$150 to \$199	7 303	504	1 336	696	455	1 173	952	1 303	681	203	17 802	19 973	386
\$200 to \$249	2 603	186	348	200	184	327	324	556	363	115	20 654	23 273	90
\$250 or more	1 416	64	162	87	40	179	197	194	211	282	24 410	33 409	69
Median	\$150	\$129	\$140	\$146	\$140	\$150	\$156	\$165	\$181	\$234	...	...	\$136
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	29 107	620	1 472	1 426	1 655	4 985	5 323	7 755	4 378	1 493	24 081	26 261	884
Less than 15 percent	10 572	—	7	17	22	497	1 324	4 149	3 254	1 302	32 891	36 439	8
15 to 19 percent	6 949	—	12	57	251	1 436	2 080	2 188	759	166	24 094	25 973	4
20 to 24 percent	4 668	—	54	231	393	1 523	1 137	1 003	302	25	20 528	22 018	9
25 to 29 percent	2 619	19	107	313	412	894	552	279	43	—	17 127	17 953	12
30 to 34 percent	1 426	14	204	320	284	364	147	80	13	—	14 040	15 039	32
35 percent or more	2 800	516	1 088	488	293	269	83	56	7	—	9 136	9 800	748
Not computed	73	71	—	—	—	2	—	—	—	—	2500—	—311	71
Median	17.8	50+	44.2	31.5	27.0	21.8	18.2	14.6	12.4	10—	...	...	50+
Not mortgaged	22 713	2 493	4 595	2 145	1 787	3 363	2 710	3 317	1 667	636	15 459	18 573	1 473
Less than 10 percent	8 730	10	38	136	319	1 184	1 844	2 936	1 631	632	27 367	30 725	19
10 to 14 percent	5 097	7	490	718	949	1 784	754	362	29	4	15 920	16 471	41
15 to 19 percent	2 782	32	1 132	814	380	296	104	17	7	—	10 697	11 397	18
20 to 24 percent	1 821	210	1 072	325	120	91	1	2	—	—	8 359	8 675	72
25 to 29 percent	1 165	225	793	120	12	8	7	—	—	—	6 759	7 249	85
30 to 34 percent	826	269	539	17	1	—	—	—	—	—	5 816	5 877	100
35 percent or more	2 193	1 641	531	15	6	—	—	—	—	—	3 968	4 072	1 039
Not computed	99	99	—	—	—	—	—	—	—	—	2500—	—658	99
Median	12.5	42.7	23.0	16.3	13.0	11.4	10—	10—	10—	10—	...	...	48.1



Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units .....	32 659	6 957	8 920	4 105	2 844	4 476	2 699	1 921	535	202	10 276	12 228	6 654
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families .....	11 804	735	2 580	1 537	1 299	2 422	1 673	1 115	341	102	14 521	16 024	1 254
15 to 24 years .....	1 967	172	537	251	282	449	225	48	—	3	12 708	12 749	285
25 to 34 years .....	4 310	195	691	678	470	1 000	779	407	72	18	15 577	16 215	477
35 to 44 years .....	1 656	128	206	197	162	408	251	212	60	32	16 555	18 258	234
45 to 64 years .....	2 283	112	383	212	197	457	325	395	167	35	17 723	19 638	155
65 years and over .....	1 588	128	763	199	188	108	93	53	42	14	9 440	12 039	103
Male householder, no wife present .....	7 724	1 722	1 830	1 054	703	1 056	645	536	103	75	10 735	12 527	1 527
15 to 24 years .....	2 105	446	605	382	178	280	133	54	9	18	10 010	10 977	590
25 to 34 years .....	2 435	365	482	412	262	450	246	194	15	9	12 248	13 211	369
35 to 44 years .....	848	126	148	63	84	94	120	145	62	6	15 187	17 187	110
45 to 64 years .....	1 528	351	371	133	147	205	125	143	17	36	10 789	14 006	285
65 years and over .....	808	434	224	64	32	27	21	—	—	6	4 813	6 814	173
Female householder, no husband present .....	13 131	4 500	4 510	1 514	842	998	381	270	91	25	7 001	8 641	3 873
15 to 24 years .....	2 251	785	813	251	157	135	84	21	5	—	6 770	7 852	951
25 to 34 years .....	2 944	582	1 065	497	265	339	106	90	—	—	9 047	10 020	833
35 to 44 years .....	1 382	221	558	191	125	201	48	10	22	6	9 269	10 604	368
45 to 64 years .....	2 604	754	935	347	148	200	102	76	42	—	8 057	9 448	689
65 years and over .....	3 950	2 158	1 139	228	147	123	41	73	22	19	4 750	6 844	1 032
Median age .....	35.7	55.4	37.7	31.6	32.5	32.2	31.8	38.1	46.6	48.8	...	...	33.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	13 797	2 967	3 905	1 775	1 133	1 880	1 179	719	163	76	10 037	11 762	3 421
1975 to 1978 .....	9 960	1 799	2 448	1 379	947	1 616	918	634	165	54	11 329	13 035	1 737
1970 to 1974 .....	3 661	834	964	405	375	481	225	260	57	60	10 201	12 780	640
1960 to 1969 .....	2 942	703	860	326	251	303	215	207	77	—	9 460	11 892	447
1959 or earlier .....	2 299	654	743	220	138	196	162	101	73	12	8 359	11 088	409
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use .....	31 502	6 466	8 579	3 983	2 770	4 405	2 675	1 897	535	192	10 443	12 378	6 287
0.50 or less .....	21 028	5 059	5 860	2 540	1 703	2 576	1 675	1 213	274	128	9 636	11 705	3 657
0.51 to 1.00 .....	9 693	1 284	2 504	1 314	985	1 729	961	626	231	59	12 014	13 782	2 295
1.01 to 1.50 .....	677	115	212	101	61	86	28	45	24	5	10 285	12 578	314
1.51 or more .....	1 104	8	3	28	21	14	11	13	6	—	14 048	16 510	21
Lacking complete plumbing for exclusive use .....	1 157	491	341	122	74	71	24	24	—	—	6 393	8 145	367
0.50 or less .....	460	182	151	41	40	36	—	—	—	10	6 935	8 617	140
0.51 to 1.00 .....	639	303	168	73	28	33	24	10	—	—	5 516	7 356	212
1.01 to 1.50 .....	45	6	22	3	6	—	—	8	—	—	8 036	10 861	15
1.51 or more .....	13	—	—	5	—	2	—	6	—	—	19 375	20 833	—
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment .....	32 643	6 956	8 910	4 100	2 844	4 476	2 699	1 921	535	202	10 278	12 230	6 654
Central heating system .....	28 457	5 927	7 619	3 520	2 488	3 973	2 456	1 801	513	160	10 485	12 438	5 481
Air conditioning .....	6 518	802	1 326	829	563	1 124	766	760	229	119	13 841	16 382	625
Central system .....	1 354	197	280	127	88	180	157	201	63	61	14 574	18 006	177
Vehicles available .....	24 654	2 889	6 224	3 620	2 558	4 223	2 619	1 874	483	164	12 220	14 081	3 457
1 .....	17 216	2 468	5 096	2 775	1 860	2 489	1 420	840	191	77	10 941	12 401	2 634
2 or more .....	7 438	421	1 128	845	698	1 734	1 199	1 034	292	87	16 614	17 968	823
House heating fuel .....	32 643	6 956	8 910	4 100	2 844	4 476	2 699	1 921	535	202	10 278	12 230	6 654
Utility gas .....	19 502	4 297	5 400	2 373	1 632	2 626	1 623	1 094	353	104	10 057	12 128	4 026
Bottled, tank, or LP gas .....	624	184	216	71	33	69	22	26	3	—	8 226	9 426	180
Electricity .....	3 477	608	825	411	317	504	329	379	87	17	11 858	13 926	500
Fuel oil, kerosene, etc. ....	7 833	1 581	2 168	1 059	733	1 113	650	383	83	63	10 395	12 069	1 620
Other .....	1 207	286	301	186	129	164	75	39	9	18	10 222	11 489	328
Median rooms .....	4.3	3.7	4.2	4.4	4.3	4.6	4.8	4.7	5.2	5.2	...	...	4.2
Specified renter-occupied housing units .....	31 377	6 736	8 594	3 918	2 722	4 324	2 555	1 821	516	191	10 229	12 193	6 387
<b>CONTRACT RENT</b>													
Less than \$100 .....	3 074	1 333	983	205	188	180	105	51	17	12	5 951	7 967	929
\$100 to \$149 .....	6 767	1 795	2 267	766	563	741	327	242	47	19	8 435	10 119	1 486
\$150 to \$199 .....	10 150	2 092	2 835	1 569	977	1 466	698	379	105	29	10 236	11 381	2 207
\$200 to \$249 .....	5 368	682	1 352	706	503	897	630	500	91	7	12 302	13 896	847
\$250 to \$299 .....	2 794	249	457	386	272	553	408	324	118	27	15 276	16 966	358
\$300 to \$349 .....	769	51	139	33	54	145	156	115	56	20	18 384	19 246	126
\$350 to \$399 .....	283	36	21	16	17	21	67	75	21	9	21 362	21 600	50
\$400 to \$499 .....	166	2	38	3	6	26	28	21	25	17	20 714	26 570	24
\$500 or more .....	75	10	—	5	6	12	—	10	2	30	26 125	46 278	13
No cash rent .....	1 931	486	502	229	136	283	136	104	34	21	9 747	12 068	347
Median .....	\$171	\$150	\$161	\$174	\$174	\$185	\$206	\$226	\$224	\$281	...	...	\$161
<b>GROSS RENT</b>													
Less than \$100 .....	1 434	889	376	44	42	40	15	22	6	—	4 391	5 812	575
\$100 to \$149 .....	4 005	1 427	1 489	360	258	240	126	92	5	8	6 729	8 311	1 019
\$150 to \$199 .....	7 864	1 761	2 351	1 178	798	1 000	416	274	61	25	9 596	10 746	1 539
\$200 to \$249 .....	7 392	1 246	2 070	1 074	806	1 055	669	342	102	28	10 885	12 300	1 487
\$250 to \$299 .....	4 803	574	1 093	632	363	977	609	414	120	21	13 206	14 729	755
\$300 to \$349 .....	2 239	226	438	269	181	428	316	285	70	26	15 066	16 264	354
\$350 to \$399 .....	905	67	164	77	102	177	140	137	37	4	16 095	17 348	166
\$400 to \$499 .....	610	50	107	44	23	93	96	114	72	11	19 362	20 060	124
\$500 or more .....	194	10	4	11	13	31	32	37	9	47	22 500	36 737	21
No cash rent .....	1 931	486	502	229	136	283	136	104	34	21	9 747	12 068	347
Median .....	\$209	\$173	\$196	\$210	\$210	\$235	\$249	\$263	\$283	\$306	...	...	\$196
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent .....	5 876	10	296	240	503	1 405	1 409	1 384	461	168	21 660	23 774	35
15 to 19 percent .....	5 117	53	633	850	1 029	1 503	751	277	19	2	14 984	15 607	126
20 to 24 percent .....	4 038	212	1 065	1 142	612	787	189	29	2	—	11 624	12 039	164
25 to 29 percent .....	2 974	241	1 400	770	258	239	49	17	—	—	9 505	9 762	252
30 to 34 percent .....	2 204	312	1 260	417	141	50	14	10	—	—	8 300	8 494	316
35 to 49 percent .....	3 896	1 130	2 407	18	—	7	—	—	—	—	6 307	6 582	1 097
50 percent or more .....	4 917	3 868	1 031	18	—	—	—	—	—	—	3 635	3 606	3 626
Not computed .....	2 355	910	502	229	136	283	136	104	34	21	7 388	9 883	771
Median .....	24.4	50+	32.6	23.3	18.8	17.0	14.1	11.9	10—	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units</b>	<b>29 107</b>	<b>1 282</b>	<b>3 789</b>	<b>5 701</b>	<b>5 459</b>	<b>4 192</b>	<b>4 855</b>	<b>2 116</b>	<b>1 229</b>	<b>484</b>	<b>335</b>
<b>PERSONS IN UNIT</b>											
1 person	1 558	185	315	300	257	216	169	70	43	3	296
2 persons	5 823	355	843	1 021	992	796	1 046	481	256	33	335
3 persons	6 236	216	798	1 245	1 192	946	1 060	401	242	136	336
4 persons	8 233	264	1 110	1 637	1 551	1 217	1 326	572	381	175	336
5 persons	4 450	173	471	911	866	579	842	335	202	71	339
6 persons	1 897	54	178	422	418	271	239	182	86	47	335
7 persons	627	28	62	97	134	125	107	45	19	10	347
8 or more persons	283	7	12	68	49	42	66	30	—	9	357
Median	3.61	2.97	3.42	3.67	3.69	3.61	3.62	3.69	3.69	3.90	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b>	<b>25 261</b>	<b>968</b>	<b>3 051</b>	<b>4 861</b>	<b>4 758</b>	<b>3 700</b>	<b>4 453</b>	<b>1 870</b>	<b>1 143</b>	<b>457</b>	<b>339</b>
15 to 24 years	561	12	81	122	86	65	131	48	14	2	338
25 to 34 years	7 075	177	588	1 203	1 375	1 220	1 498	585	343	86	358
35 to 44 years	7 886	259	821	1 450	1 571	1 116	1 391	614	448	216	345
45 to 64 years	9 135	445	1 467	1 924	1 632	1 236	1 358	594	331	148	322
65 years and over	604	75	94	162	94	63	75	29	7	5	291
<b>Male householder, no wife present</b>	<b>1 449</b>	<b>103</b>	<b>271</b>	<b>285</b>	<b>259</b>	<b>205</b>	<b>190</b>	<b>69</b>	<b>58</b>	<b>9</b>	<b>313</b>
15 to 24 years	73	—	21	15	17	7	13	—	—	—	301
25 to 34 years	480	27	77	84	65	65	82	38	40	2	340
35 to 44 years	375	19	82	63	98	60	26	20	7	—	312
45 to 64 years	442	42	67	109	79	69	51	11	7	7	302
65 years and over	79	15	24	14	—	4	18	—	4	—	252
<b>Female householder, no husband present</b>	<b>2 397</b>	<b>211</b>	<b>467</b>	<b>555</b>	<b>442</b>	<b>287</b>	<b>212</b>	<b>177</b>	<b>28</b>	<b>18</b>	<b>297</b>
15 to 24 years	10	—	—	—	4	1	—	5	—	—	450
25 to 34 years	422	22	69	85	91	49	48	58	—	—	319
35 to 44 years	724	23	133	167	145	104	68	62	15	7	313
45 to 64 years	948	115	177	244	167	103	75	46	13	8	287
65 years and over	293	51	88	59	35	30	21	6	—	3	256
Median age	41.5	48.5	45.2	42.9	40.8	39.7	39.3	38.9	40.2	42.7	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980	3 357	69	133	306	414	408	923	499	431	174	434
1975 to 1978	8 916	148	744	1 312	1 634	1 569	1 931	913	466	199	370
1970 to 1974	6 780	308	810	1 475	1 397	1 086	997	421	223	63	329
1960 to 1969	7 717	424	1 482	2 112	1 707	883	787	192	97	33	296
1959 or earlier	2 337	333	620	496	307	246	217	91	12	15	272
<b>ROOMS</b>											
1 to 3 rooms	114	23	29	13	16	9	23	1	—	—	269
4 rooms	949	117	204	197	190	126	64	26	17	8	289
5 rooms	4 475	409	960	1 138	870	558	434	63	32	11	288
6 rooms	7 920	330	1 481	1 800	1 564	1 161	1 080	394	97	13	311
7 rooms	6 799	220	668	1 341	1 457	1 021	1 275	528	227	62	340
8 or more rooms	8 850	183	447	1 212	1 362	1 317	1 979	1 104	856	390	396
Median	6.7	5.8	6.0	6.3	6.6	6.7	7.1	7.6	8.2	8.5+	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980	2 865	26	212	300	394	374	732	388	301	138	416
1970 to 1974	2 697	82	133	345	412	432	580	391	229	93	394
1960 to 1969	7 011	155	670	1 398	1 320	1 057	1 370	509	387	145	349
1950 to 1959	5 598	302	891	1 130	1 083	797	834	393	132	36	322
1940 to 1949	2 753	123	466	622	555	417	387	122	49	12	315
1939 or earlier	8 183	594	1 417	1 906	1 695	1 115	952	313	131	60	305
<b>VALUE</b>											
Less than \$10,000	210	86	38	42	34	7	3	—	—	—	225
\$10,000 to \$19,999	1 215	253	349	277	229	50	53	4	—	—	251
\$20,000 to \$29,999	3 473	337	888	1 016	593	376	216	27	20	—	275
\$30,000 to \$39,999	6 750	368	1 318	1 816	1 558	952	640	73	9	16	297
\$40,000 to \$49,999	6 839	165	794	1 475	1 611	1 097	1 248	391	56	2	331
\$50,000 to \$59,999	4 352	32	270	670	776	810	1 128	484	173	9	376
\$60,000 to \$79,999	4 183	31	120	354	595	731	1 058	781	419	94	425
\$80,000 to \$99,999	1 378	10	6	47	52	124	426	249	348	116	510
\$100,000 to \$149,999	612	—	6	4	11	45	78	89	187	192	659
\$150,000 or more	95	—	—	—	—	—	5	18	17	55	750+
Median	\$43 900	\$29 100	\$34 400	\$38 100	\$41 900	\$46 000	\$52 100	\$61 200	\$77 500	\$100 900	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent	10 572	866	2 009	2 647	1 949	1 375	1 107	322	193	104	296
15 to 19 percent	6 949	166	865	1 420	1 372	1 093	1 203	470	273	87	337
20 to 24 percent	4 668	99	355	606	921	755	972	550	327	83	373
25 to 29 percent	2 619	69	183	373	462	367	678	304	147	36	380
30 to 34 percent	1 426	24	112	221	288	185	344	116	85	51	368
35 percent or more	2 800	47	262	428	458	389	545	352	204	115	376
Not computed	73	11	3	6	9	28	6	2	—	8	363
Median	17.8	12.6	14.5	15.7	17.8	18.2	20.6	22.4	22.3	22.8	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b>	<b>29 107</b>	<b>1 282</b>	<b>3 789</b>	<b>5 701</b>	<b>5 459</b>	<b>4 192</b>	<b>4 855</b>	<b>2 116</b>	<b>1 229</b>	<b>484</b>	<b>335</b>
Steam or hot water system	6 249	174	496	1 148	1 241	1 043	1 120	601	316	110	353
Central warm-air furnace or electric heat pump	17 151	809	2 600	3 670	3 261	2 384	2 607	992	562	266	323
Other built-in electric units	3 315	33	208	342	513	491	847	466	325	90	407
Floor, wall, or pipeless furnace	148	26	36	23	43	10	5	1	4	—	276
Other means	2 244	240	449	518	401	264	276	56	22	18	292
<b>Air conditioning</b>	<b>7 083</b>	<b>210</b>	<b>800</b>	<b>1 322</b>	<b>1 212</b>	<b>1 065</b>	<b>1 234</b>	<b>648</b>	<b>380</b>	<b>212</b>	<b>350</b>
Central system	1 091	10	24	125	137	166	187	145	146	151	439
1 or more individual room units	5 992	200	776	1 197	1 075	899	1 047	503	234	61	338
<b>House heating fuel</b>	<b>29 107</b>	<b>1 282</b>	<b>3 789</b>	<b>5 701</b>	<b>5 459</b>	<b>4 192</b>	<b>4 855</b>	<b>2 116</b>	<b>1 229</b>	<b>484</b>	<b>335</b>
Utility gas	14 919	602	2 087	3 065	2 756	2 130	2 380	1 014	613	272	331
Bottled, tank, or LP gas	210	4	27	41	58	23	37	7	13	—	328
Electricity	3 548	46	218	372	532	511	907	496	340	126	409
Fuel oil, kerosene, etc.	8 654	421	1 070	1 783	1 828	1 308	1 348	569	252	75	329
Other	1 776	209	387	440	285	220	183	30	11	11	283



Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>22 713</b>	<b>43</b>	<b>447</b>	<b>1 785</b>	<b>3 661</b>	<b>5 455</b>	<b>7 303</b>	<b>2 603</b>	<b>1 416</b>	<b>150</b>
<b>PERSONS IN UNIT</b>										
1 person .....	5 120	11	221	661	1 198	1 201	1 296	373	159	135
2 persons .....	9 944	22	149	728	1 685	2 511	3 217	1 033	599	149
3 persons .....	3 880	2	46	246	396	989	1 469	479	253	159
4 persons .....	2 089	2	11	101	197	443	736	430	169	170
5 persons .....	1 079	2	16	25	130	206	359	186	155	172
6 persons .....	366	—	2	24	34	66	136	66	38	171
7 persons .....	154	4	—	—	2	35	64	24	25	178
8 or more persons .....	81	—	2	—	19	4	26	12	18	180
Median .....	2.13	1.98	1.52	1.82	1.88	2.11	2.23	2.40	2.42	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> .....	<b>14 821</b>	<b>29</b>	<b>180</b>	<b>916</b>	<b>1 991</b>	<b>3 609</b>	<b>5 157</b>	<b>1 891</b>	<b>1 048</b>	<b>157</b>
15 to 24 years .....	46	—	—	9	17	2	12	6	—	121
25 to 34 years .....	434	—	13	72	47	98	143	45	16	147
35 to 44 years .....	1 138	4	11	78	160	252	341	176	116	159
45 to 64 years .....	7 910	13	62	378	877	1 884	2 966	1 100	630	162
65 years and over .....	5 293	12	94	379	890	1 373	1 695	564	286	148
<b>Male householder, no wife present</b> .....	<b>1 974</b>	<b>12</b>	<b>94</b>	<b>242</b>	<b>398</b>	<b>420</b>	<b>554</b>	<b>147</b>	<b>107</b>	<b>139</b>
15 to 24 years .....	39	—	7	12	1	7	11	1	—	113
25 to 34 years .....	103	2	—	8	38	12	21	8	14	132
35 to 44 years .....	134	2	—	21	31	37	15	14	14	134
45 to 64 years .....	607	5	10	73	112	133	168	68	38	144
65 years and over .....	1 091	3	77	128	216	231	339	56	41	138
<b>Female householder, no husband present</b> .....	<b>5 918</b>	<b>2</b>	<b>173</b>	<b>627</b>	<b>1 272</b>	<b>1 426</b>	<b>1 592</b>	<b>565</b>	<b>261</b>	<b>141</b>
15 to 24 years .....	17	—	—	8	—	7	2	—	—	127
25 to 34 years .....	66	—	3	4	17	11	17	12	2	145
35 to 44 years .....	187	—	—	9	25	55	67	24	7	153
45 to 64 years .....	1 910	1	47	136	373	435	603	212	103	148
65 years and over .....	3 738	1	123	470	857	918	903	317	149	136
Median age .....	63.2	59.7	71.8	66.5	66.0	64.0	61.9	59.8	59.4	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 .....	452	4	24	53	106	54	134	43	34	143
1975 to 1978 .....	1 382	8	42	116	205	338	427	165	81	149
1970 to 1974 .....	1 849	3	46	159	278	328	532	294	209	160
1960 to 1969 .....	5 069	19	67	324	682	1 050	1 700	800	427	162
1959 or earlier .....	13 961	9	268	1 133	2 390	3 685	4 510	1 301	665	147
<b>ROOMS</b>										
1 to 3 rooms .....	279	7	38	79	80	25	30	11	9	105
4 rooms .....	1 846	8	104	293	442	549	356	53	41	128
5 rooms .....	4 672	16	107	499	917	1 301	1 348	365	119	140
6 rooms .....	7 513	2	139	494	1 317	1 978	2 565	750	268	148
7 rooms .....	4 423	—	38	314	518	985	1 547	696	325	162
8 or more rooms .....	3 980	10	21	106	387	617	1 457	728	654	179
Median .....	6.1	4.9	5.3	5.5	5.8	5.9	6.2	6.7	7.3	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 .....	444	8	30	33	95	65	134	47	32	147
1970 to 1974 .....	641	—	11	40	99	82	193	108	108	173
1960 to 1969 .....	2 626	13	26	140	282	457	915	474	319	172
1950 to 1959 .....	4 607	4	60	257	598	1 097	1 656	604	331	159
1940 to 1949 .....	2 860	2	35	252	537	775	899	241	119	144
1939 or earlier .....	11 535	16	285	1 063	2 050	2 979	3 506	1 129	507	145
<b>VALUE</b>										
Less than \$10,000 .....	622	28	82	133	152	112	90	19	6	111
\$10,000 to \$19,999 .....	2 719	9	111	373	681	622	692	141	90	132
\$20,000 to \$29,999 .....	5 112	2	122	606	1 098	1 415	1 386	374	109	138
\$30,000 to \$39,999 .....	5 726	2	84	425	1 027	1 710	1 823	511	144	144
\$40,000 to \$49,999 .....	4 266	—	18	155	466	1 084	1 849	534	160	161
\$50,000 to \$59,999 .....	2 059	—	8	38	142	375	880	443	167	177
\$60,000 to \$79,999 .....	1 580	2	13	40	89	132	476	473	355	204
\$80,000 to \$99,999 .....	346	—	9	4	6	1	59	87	180	250+
\$100,000 to \$149,999 .....	185	—	—	—	—	—	41	15	129	250+
\$150,000 or more .....	98	—	—	11	—	—	4	7	76	250+
Median .....	\$34 500	\$10000—	\$21 300	\$25 900	\$28 900	\$33 200	\$37 900	\$45 300	\$62 000	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent .....	8 730	33	191	769	1 533	2 085	2 819	847	453	147
10 to 14 percent .....	5 097	5	77	404	700	1 343	1 621	654	293	151
15 to 19 percent .....	2 782	—	69	188	460	729	859	269	208	148
20 to 24 percent .....	1 821	—	78	175	287	301	631	234	115	156
25 to 29 percent .....	1 165	—	10	103	175	256	372	167	82	155
30 to 34 percent .....	826	—	10	56	128	238	276	84	34	148
35 percent or more .....	2 193	5	12	81	375	488	660	343	229	160
Not computed .....	99	—	—	9	3	15	65	5	2	167
Median .....	12.5	10—	12.1	11.5	12.1	12.4	12.5	13.5	14.3	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> .....	<b>22 712</b>	<b>43</b>	<b>447</b>	<b>1 785</b>	<b>3 661</b>	<b>5 455</b>	<b>7 302</b>	<b>2 603</b>	<b>1 416</b>	<b>150</b>
Steam or hot water system .....	5 653	3	91	222	705	1 138	2 011	920	564	167
Central warm-air furnace or electric heat pump .....	14 466	2	217	1 207	2 440	3 789	4 594	1 492	724	147
Other built-in electric units .....	824	—	36	27	124	151	283	107	96	163
Floor, wall, or pipeless furnace .....	262	4	—	66	75	45	61	7	2	120
Other means .....	1 507	34	101	263	317	332	353	77	30	128
<b>Air conditioning</b> .....	<b>4 636</b>	<b>37</b>	<b>289</b>	<b>659</b>	<b>1 145</b>	<b>1 492</b>	<b>564</b>	<b>448</b>	<b>156</b>	<b>156</b>
Central system .....	489	—	31	289	53	87	110	80	128	183
1 or more individual room units .....	4 147	2	37	258	606	1 058	1 382	484	320	154
<b>House heating fuel</b> .....	<b>22 712</b>	<b>43</b>	<b>447</b>	<b>1 785</b>	<b>3 661</b>	<b>5 455</b>	<b>7 302</b>	<b>2 603</b>	<b>1 416</b>	<b>150</b>
Utility gas .....	12 328	—	180	1 075	2 154	3 388	3 776	1 124	631	145
Bottled, tank, or LP gas .....	271	—	2	23	46	69	58	38	30	147
Electricity .....	898	—	37	29	138	168	306	109	111	163
Fuel oil, kerosene, etc. ....	8 088	7	174	468	1 004	1 588	2 928	1 288	631	164
Other .....	1 127	31	54	190	319	242	234	44	13	123



Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
<b>Occupied housing units</b> .....	73 687	5 691	6 266	12 892	18 325	30 513	32 659	1 828	1 977	4 011	7 116	17 727
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	55 238	4 792	5 023	10 483	14 232	20 708	11 804	658	766	1 643	2 555	6 182
15 to 24 years.....	1 244	323	170	292	207	252	1 967	91	120	277	577	902
25 to 34 years.....	10 295	2 011	1 397	1 514	2 239	3 134	4 310	230	360	600	936	2 184
35 to 44 years.....	11 882	1 335	1 513	2 893	2 497	3 644	1 656	98	121	265	363	809
45 to 64 years.....	22 979	956	1 497	4 835	6 976	8 715	2 283	109	83	287	444	1 360
65 years and over.....	8 838	167	446	949	2 313	4 963	1 588	130	82	214	235	927
<b>Male householder, no wife present</b> .....	5 798	401	437	788	1 280	2 892	7 724	423	497	1 046	1 702	4 056
15 to 24 years.....	226	29	23	41	45	88	2 105	122	148	290	581	964
25 to 34 years.....	994	164	107	143	229	351	2 435	155	185	372	644	1 079
35 to 44 years.....	847	88	107	131	216	305	848	73	86	131	71	487
45 to 64 years.....	1 880	107	153	281	378	961	1 528	49	41	154	314	970
65 years and over.....	1 851	13	47	192	412	1 187	808	24	37	99	92	556
<b>Female householder, no husband present</b> .....	12 651	498	806	1 621	2 813	6 913	13 131	747	714	1 322	2 859	7 489
15 to 24 years.....	122	8	21	16	21	56	2 251	71	87	231	736	1 126
25 to 34 years.....	829	121	151	143	202	212	2 944	118	197	288	859	1 482
35 to 44 years.....	1 262	106	149	313	283	411	1 382	90	104	144	274	770
45 to 64 years.....	4 208	162	300	640	1 114	1 992	2 604	104	65	255	493	1 687
65 years and over.....	6 230	101	185	509	1 193	4 242	3 950	364	261	404	497	2 424
<b>Median age</b> .....	51.4	36.0	41.7	47.4	53.7	57.4	35.7	38.6	33.4	34.5	30.4	40.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	5 901	1 596	658	1 014	1 084	1 549	13 797	1 359	984	1 729	3 307	6 418
1975 to 1978.....	15 196	4 095	1 637	2 421	2 969	4 074	9 960	469	593	1 367	2 231	5 300
1970 to 1974.....	12 404	—	3 971	2 204	2 351	3 878	3 661	—	400	503	647	2 111
1960 to 1969.....	16 811	—	—	7 253	3 700	5 858	2 942	—	—	412	613	1 917
1959 or earlier.....	23 375	—	—	—	8 221	15 154	2 299	—	—	—	318	1 981
<b>ROOMS</b>												
1 room.....	55	8	5	6	14	22	921	20	38	144	201	518
2 rooms.....	159	16	42	25	30	46	1 645	89	218	240	206	892
3 rooms.....	991	112	102	241	226	310	6 646	626	372	731	1 522	3 395
4 rooms.....	6 590	697	1 039	1 490	1 705	1 659	8 977	586	654	1 478	2 256	4 003
5 rooms.....	14 616	1 471	1 755	2 568	4 483	4 339	7 654	367	450	917	1 562	4 358
6 rooms.....	19 957	1 134	1 126	2 820	6 019	8 858	3 908	73	135	294	849	2 557
7 or more rooms.....	31 319	2 253	2 197	5 742	5 848	15 279	2 908	67	110	207	520	2 004
<b>Median</b> .....	6.2	6.0	5.7	6.3	5.9	6.5	4.3	3.8	4.1	4.1	4.2	4.5
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>Complete plumbing for exclusive use</b> .....	72 915	5 622	6 231	12 823	18 242	29 997	31 502	1 804	1 952	3 918	6 919	16 909
0.50 or less.....	48 239	3 021	3 409	7 751	11 907	22 151	21 028	1 272	1 154	2 392	4 405	11 805
0.51 to 1.00.....	23 595	2 501	2 636	4 871	6 070	7 517	9 693	482	733	1 420	2 352	4 706
1.01 to 1.50.....	935	81	174	187	221	272	677	47	89	136	36	363
1.51 or more.....	146	19	12	14	44	57	104	8	18	17	36	35
<b>Lacking complete plumbing for exclusive use</b> .....	772	69	35	69	83	516	1 157	24	25	93	197	818
0.50 or less.....	478	35	13	26	44	360	460	14	20	28	75	323
0.51 to 1.00.....	248	23	10	41	33	141	639	2	3	65	103	466
1.01 to 1.50.....	35	7	7	2	6	13	45	3	—	—	19	23
1.51 or more.....	11	4	5	—	—	2	13	5	2	—	—	6
<b>PERSONS IN UNIT</b>												
1 person.....	10 744	476	605	1 317	2 376	5 970	12 988	826	749	1 522	2 659	7 232
2 persons.....	23 139	1 332	1 693	3 495	6 505	10 114	9 704	571	506	1 187	2 099	5 341
3 persons.....	13 970	1 319	1 199	2 608	3 535	5 309	4 534	218	326	537	1 135	2 318
4 persons.....	13 741	1 608	1 513	2 821	3 272	4 527	3 051	112	236	477	582	1 644
5 persons.....	7 438	627	761	1 643	1 702	2 705	1 370	63	98	194	375	640
6 or more persons.....	4 655	329	495	1 008	935	1 888	1 012	38	62	94	266	552
<b>Median</b> .....	2.71	3.29	3.20	3.13	2.58	2.42	1.84	1.65	1.97	1.91	1.93	1.81
<b>Total persons</b> .....	223 420	18 976	20 746	42 475	53 932	87 291	70 119	3 621	4 518	8 687	15 609	37 684
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	61 521	4 342	4 002	10 686	17 341	25 150	6 320	218	293	665	1 851	3 293
2.....	5 081	83	45	259	480	414	8 999	209	220	438	2 013	6 119
3 and 4.....	971	27	8	48	136	752	6 305	138	181	532	1 331	4 123
5 to 9.....	259	6	—	5	32	216	4 500	177	293	564	802	2 664
10 to 49.....	129	15	9	16	13	76	4 135	579	343	990	875	1 348
50 or more.....	5	—	—	—	—	5	1 287	409	303	329	122	124
Mobile home or trailer, etc.....	5 721	1 218	2 202	1 878	323	100	1 113	98	344	493	122	56
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	73 684	5 691	6 266	12 889	18 325	30 513	32 643	1 828	1 977	4 011	7 111	17 716
Steam or hot water system.....	16 577	327	812	3 875	3 246	8 317	10 704	156	418	1 178	2 448	6 504
Central warm-air furnace or electric heat pump.....	43 765	1 748	3 226	7 140	13 561	18 090	14 510	446	955	1 920	3 313	7 876
Other built-in electric units.....	5 432	2 583	1 286	712	339	512	2 797	1 120	440	500	270	467
Floor, wall, or pipeless furnace.....	677	30	58	52	131	406	17	18	64	107	240	240
Other means.....	7 233	1 003	884	1 110	1 048	3 188	4 186	89	146	349	973	2 629
<b>Air conditioning</b> .....	15 709	920	1 229	2 875	4 803	5 882	6 518	743	660	1 771	1 172	2 172
Central system.....	2 026	189	275	641	608	313	1 354	208	251	648	160	87
1 or more individual room units.....	13 683	731	954	2 234	4 195	5 569	5 164	535	409	1 123	1 012	2 085
<b>House heating fuel</b> .....	73 684	5 691	6 266	12 889	18 325	30 513	32 643	1 828	1 977	4 011	7 111	17 716
Utility gas.....	33 337	1 28	1 049	5 915	10 903	15 342	19 502	177	785	2 166	4 449	11 925
Bottled, tank, or LP gas.....	1 041	133	228	180	171	329	624	33	43	110	130	308
Electricity.....	5 918	2 768	1 397	785	370	598	3 477	1 363	567	630	345	572
Fuel oil, kerosene, etc.....	27 863	1 848	3 031	5 314	6 132	11 538	7 833	223	529	1 022	1 947	4 112
Other.....	5 525	814	561	695	749	2 706	1 207	53	83	240	799	799
<b>Income in 1979 below poverty level</b> .....	4 235	269	384	594	752	2 236	6 654	291	360	564	1 554	3 885
Percent below poverty level.....	5.7	4.7	6.1	4.6	4.1	7.3	20.4	15.9	18.2	14.1	21.8	21.9
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5 000.....	5 349	241	371	666	1 006	3 065	6 957	425	359	558	1 382	4 233
\$5 000 to \$9 999.....	10 065	442	788	1 383	2 047	5 405	8 920	417	465	911	2 028	5 099
\$10 000 to \$12 499.....	5 811	475	589	756	1 302	2 689	4 105	188	274	532	857	2 554
\$12 500 to \$14 999.....	5 458	415	480	733	1 330	2 500	2 844	104	182	356	681	1 521
\$15 000 to \$19 999.....	11 874	1 146	1 032	1 647	2 943	5 106	4 476	259	291	678	1 038	2 210
\$20 000 to \$24 999.....	10 810	1 035	900	1 708	2 943	4 224	2 699	201	150	527	543	1 278
\$25 000 to \$34 999.....	14 177	1 145	1 098	2 952	4 132	4 850	1 921	177	186	328	429	801
\$35 000 to \$49 999.....	7 447	581	703	2 189	1 912	2 062	535	44	26	72	134	259
\$50 000 or more.....	2 696	211	305	858	710	612	202	13	44	49	24	72
<b>Median</b> .....	\$19 254	\$20 540	\$19 324	\$23 636	\$20 816	\$16 550	\$10 276	\$10 957	\$11 501	\$12 532	\$10 432	\$9 525
<b>Mean</b> .....	\$21 490	\$22 692	\$22 190	\$25 878	\$22 824	\$18 466	\$12 228	\$13 569	\$14 550	\$14 429	\$12 177	\$11 354

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units .....	73 687	61 521	6 445	5 721	32 659	6 320	8 999	6 305	4 500	4 135	1 287	1 113
Condominium housing units .....	7	—	7	—	22	—	—	—	—	5	17	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	55 238	47 497	3 892	3 849	11 804	3 437	3 693	1 846	1 113	1 002	200	513
15 to 24 years .....	1 244	664	70	510	1 967	417	552	400	221	213	—	164
25 to 34 years .....	10 295	8 508	659	1 128	4 310	1 077	1 506	637	418	455	37	180
35 to 44 years .....	11 882	10 708	520	654	1 656	677	471	216	138	72	12	70
45 to 64 years .....	22 979	20 409	1 609	961	2 283	846	673	352	162	116	54	80
65 years and over .....	8 838	7 208	1 034	596	1 588	420	491	241	174	146	97	19
Male householder, no wife present .....	5 798	4 415	734	649	7 724	1 085	1 599	1 661	1 283	1 576	254	266
15 to 24 years .....	226	139	17	70	2 105	234	530	436	346	458	29	72
25 to 34 years .....	994	693	150	151	2 435	290	543	566	378	546	43	69
35 to 44 years .....	847	625	119	103	1 848	133	170	204	125	150	16	50
45 to 64 years .....	1 880	1 465	204	211	1 528	268	201	303	327	297	98	34
65 years and over .....	1 851	1 493	244	114	808	160	155	152	107	157	68	41
Female householder, no husband present .....	12 651	9 609	1 819	1 223	13 131	1 798	3 707	2 798	2 104	1 557	833	334
15 to 24 years .....	122	61	29	42	2 251	259	586	562	463	302	36	43
25 to 34 years .....	829	551	70	208	2 944	351	971	660	509	319	31	103
35 to 44 years .....	1 262	1 014	91	157	1 382	258	423	281	184	171	13	52
45 to 64 years .....	4 208	3 279	543	386	2 604	357	749	568	369	365	131	65
65 years and over .....	6 230	4 714	1 086	430	3 950	573	978	727	579	400	622	71
Median age .....	51.4	51.1	59.5	43.0	35.7	39.6	34.2	34.0	34.2	32.5	70.7	32.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	5 901	4 505	418	978	13 797	2 198	3 692	2 724	1 986	2 097	555	545
1975 to 1978 .....	15 196	11 989	991	2 216	9 960	1 880	2 740	1 982	1 402	1 227	380	349
1970 to 1974 .....	12 404	10 024	818	1 562	3 661	661	920	691	560	415	274	140
1960 to 1969 .....	16 811	14 927	1 027	857	2 942	715	916	536	329	297	78	71
1959 or earlier .....	23 375	20 076	3 191	1 008	2 299	866	731	372	223	99	—	8
<b>ROOMS</b>												
1 room .....	55	41	2	12	921	41	33	104	138	389	208	8
2 rooms .....	159	85	21	53	1 645	71	179	308	452	419	193	23
3 rooms .....	991	440	196	355	6 646	467	991	1 883	1 319	1 290	575	121
4 rooms .....	6 590	3 418	932	2 240	8 977	1 127	2 457	1 869	1 363	1 392	203	566
5 rooms .....	14 616	10 459	1 891	2 266	7 654	1 344	3 220	1 437	800	456	64	333
6 rooms .....	19 957	17 531	1 834	592	3 908	1 202	1 574	532	359	157	31	53
7 or more rooms .....	31 319	29 547	1 569	203	2 908	2 068	545	172	69	32	13	9
Median .....	6.2	6.4	5.6	4.6	4.3	5.6	4.8	4.0	3.8	3.5	2.9	4.2
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use .....	72 915	61 103	6 151	5 661	31 502	6 212	8 799	6 089	4 300	3 837	1 158	1 107
0.50 or less .....	48 239	40 743	4 534	2 962	21 028	3 931	5 970	4 276	2 957	2 552	852	540
0.51 to 1.00 .....	23 595	19 573	1 536	2 486	9 693	2 075	2 672	1 710	1 276	1 140	300	520
1.01 to 1.50 .....	935	675	66	194	677	188	144	136	53	117	—	39
1.51 or more .....	146	112	15	19	104	18	13	17	14	28	6	8
Lacking complete plumbing for exclusive use .....	772	418	294	60	1 157	108	200	216	200	298	129	6
0.50 or less .....	478	288	171	19	460	63	108	101	106	48	32	2
0.51 to 1.00 .....	248	104	110	34	639	26	79	109	87	239	97	2
1.01 to 1.50 .....	35	20	13	2	45	17	8	6	7	5	—	2
1.51 or more .....	11	6	—	5	13	2	5	—	—	5	—	—
<b>BEDROOMS</b>												
None .....	69	46	4	19	1 171	41	71	150	208	459	234	8
1 .....	2 250	1 208	671	371	10 334	802	2 042	2 744	2 025	1 797	789	135
2 .....	15 720	10 119	2 421	3 180	13 131	2 055	4 402	2 508	1 715	1 558	219	674
3 .....	36 889	32 532	2 432	1 925	6 088	2 032	2 234	781	455	276	34	276
4 .....	14 864	13 973	699	192	1 488	1 032	203	101	82	40	11	19
5 or more .....	3 895	3 643	218	34	447	358	47	21	15	5	—	1
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	5 349	4 070	593	686	6 957	914	1 521	1 591	1 011	1 048	589	283
\$5,000 to \$9,999 .....	10 065	7 551	1 241	1 273	8 920	1 658	2 451	1 710	1 402	1 026	349	324
\$10,000 to \$12,499 .....	5 811	4 314	658	839	4 105	794	1 243	801	486	527	69	185
\$12,500 to \$14,999 .....	5 458	4 181	618	659	2 844	546	785	533	490	304	59	127
\$15,000 to \$19,999 .....	11 874	9 748	1 035	1 091	4 476	1 005	1 467	777	554	497	56	120
\$20,000 to \$24,999 .....	10 810	9 415	757	638	2 699	722	773	436	251	424	42	51
\$25,000 to \$34,999 .....	14 177	12 708	1 079	390	1 921	532	535	330	233	225	48	18
\$35,000 to \$49,999 .....	7 447	6 978	337	132	535	88	189	89	63	76	30	—
\$50,000 or more .....	2 696	2 556	127	13	202	61	35	38	10	8	45	5
Median .....	\$19 254	\$20 437	\$15 528	\$12 737	\$10 276	\$11 851	\$11 061	\$9 574	\$9 310	\$9 964	\$5 552	\$9 196
Mean .....	\$21 490	\$22 550	\$17 960	\$14 061	\$12 228	\$13 956	\$12 718	\$11 509	\$11 260	\$11 727	\$10 770	\$10 000
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	73 684	61 520	6 445	5 719	32 643	6 319	8 996	6 300	4 493	4 135	1 287	1 113
Steam or hot water system .....	16 577	14 396	2 000	1 819	10 704	1 320	2 210	2 498	2 088	2 106	466	16
Central warm-air furnace or electric heat pump .....	43 765	35 915	3 616	4 234	14 510	3 285	5 047	2 503	1 425	1 055	412	783
Other built-in electric units .....	5 432	5 060	236	136	2 797	400	468	318	424	779	369	39
Floor, wall, or pipeless furnace .....	677	540	67	70	446	113	124	71	47	26	29	36
Other means .....	7 233	5 609	526	1 098	4 186	1 201	1 147	910	509	169	11	239
Air conditioning .....	15 709	13 142	1 584	983	6 518	932	1 373	984	900	1 674	548	107
Central system .....	2 026	1 761	107	158	1 354	115	69	185	200	517	264	4
Vehicles available .....	69 431	58 370	5 704	5 357	24 654	5 564	7 180	4 408	3 109	2 847	592	954
1 .....	26 579	20 734	3 007	2 838	17 216	3 224	5 072	3 188	2 413	2 226	503	590
2 or more .....	42 852	37 636	2 697	2 519	7 438	2 340	2 108	1 220	696	621	89	364
House heating fuel .....	73 684	61 520	6 445	5 719	32 643	6 319	8 996	6 300	4 493	4 135	1 287	1 113
Utility gas .....	33 337	28 841	4 362	134	19 502	2 403	6 425	4 479	3 245	2 330	593	27
Bottled, tank, or LP gas .....	1 041	677	37	327	624	119	174	101	90	51	—	89
Electricity .....	5 918	5 461	241	216	3 477	461	564	448	514	954	465	71
Fuel oil, kerosene, etc. ....	27 863	21 752	1 537	4 574	7 833	2 617	1 631	1 159	594	783	198	851
Other .....	5 525	4 789	268	468	1 207	719	202	113	50	17	31	75
Water heating fuel .....	73 474	61 355	6 436	5 683	32 561	6 264	8 987	6 284	4 500	4 126	1 287	1 113
Utility gas .....	33 968	29 221	4 669	78	20 449	2 555	6 654	4 713	3 387	2 512	601	27
Bottled, tank, or LP gas .....	7 069	5 478	339	1 252	2 078	901	447	244	165	105	21	195
Electricity .....	21 290	16 533	733	4 024	6 911	2 057	1 116	777	661	1 008	454	838
Fuel oil, kerosene, etc. ....	10 274	9 318	643	313	2 859	662	717	489	263	491	186	51
Other .....	873	805	52	16	264	89	53	61	24	10	25	2
Family householder .....	61 979	52 867	4 692	4 420	16 679	4 380	5 231	2 712	1 828	1 531	265	732
With own children under 18 years .....	31 113	26 923	1 706	2 484	9 312	2 567	2 910	1 487	1 027	774	56	491
With own children under 6 years .....	10 828	8 790	658	1 380	5 386	1 343	1 688	895	573	492	19	376
Female householder, no husband present .....	4 987	3 980	594	413	4 125	757	1 379	704	615	438	65	167
With own children under 18 years .....	2 067	1 655	125	287	3 029	493	1 033	572	451	321	29	130
With own children under 6 years .....	257	148	16	93	1 289	168	384	261	203	165	19	89
Nonfamily householder .....	11 708	8 654	1 753	1 301	15 980	1 940	3 768	3 593	2 672	2 604	1 022	381
Income in 1979 below poverty level .....	4 235	3 211	433	591	6 654	1 089	1 636	1 395	938	936	380	280
Percent below poverty level .....	5.7	5.2	6.7	10.3	20.4	17.2	18.2	22.1	20.8	22.6	29.5	25.2



Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	<b>73 687</b>	<b>10 744</b>	<b>23 139</b>	<b>13 970</b>	<b>13 741</b>	<b>7 438</b>	<b>3 094</b>	<b>1 078</b>	<b>483</b>	<b>2.71</b>	<b>223 420</b>
Nonrelatives present .....	2 144	—	748	441	317	265	143	129	101	3.23	7 953
<b>ROOMS</b> .....											
1 to 3 rooms .....	1 205	572	448	114	34	29	8	—	—	1.57	2 207
4 rooms .....	6 590	1 992	2 980	938	449	164	42	25	—	1.94	14 172
5 rooms .....	14 616	2 500	5 550	2 904	2 185	1 052	311	87	27	2.37	39 650
6 rooms .....	19 957	2 788	6 495	4 135	3 969	1 799	535	156	80	2.67	58 443
7 rooms .....	14 255	1 511	4 030	2 697	3 179	1 747	762	260	69	3.09	46 260
8 or more rooms .....	17 064	1 381	3 636	3 182	3 925	2 647	1 436	550	307	3.58	62 688
Median .....	6.2	5.6	5.9	6.2	6.6	6.9	7.4	7.6	8.1	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	72 915	10 528	22 907	13 838	13 651	7 389	3 058	1 076	468	2.72	221 188
1.00 or less .....	71 834	10 528	22 880	13 826	13 624	7 202	2 703	808	263	2.68	214 328
1.01 to 1.50 .....	935	—	—	4	17	258	347	243	166	6.33	6 037
1.51 or more .....	146	—	27	8	10	19	36	25	39	5.47	823
Lacking complete plumbing for exclusive use .....	772	216	232	132	90	49	36	2	15	2.23	2 232
1.00 or less .....	726	216	225	127	83	43	30	2	—	2.15	1 876
1.01 to 1.50 .....	35	—	—	3	5	6	6	—	15	6.08	325
1.51 or more .....	11	—	7	2	2	—	—	—	—	2.29	31
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	61 521	8 040	18 958	11 804	12 049	6 558	2 727	964	421	2.82	189 564
2 or more .....	6 445	1 576	2 336	1 038	793	426	171	66	39	2.20	17 691
Mobile home or trailer, etc. ....	5 721	1 128	1 845	1 128	899	454	196	48	23	2.44	16 165
<b>VALUE</b> .....											
Specified owner-occupied housing units .....	51 820	6 678	15 767	10 116	10 322	5 529	2 263	781	364	2.84	159 181
Less than \$10,000 .....	832	240	299	113	64	50	39	17	10	2.09	2 166
\$10,000 to \$19,999 .....	3 934	996	1 257	690	448	331	115	77	20	2.27	9 953
\$20,000 to \$29,999 .....	8 585	1 573	2 786	1 410	1 404	809	387	151	65	2.48	24 962
\$30,000 to \$39,999 .....	12 476	1 621	3 952	2 614	2 382	1 285	420	116	86	2.75	37 517
\$40,000 to \$49,999 .....	11 105	1 234	3 475	2 226	2 366	1 105	489	142	68	2.88	35 337
\$50,000 to \$59,999 .....	6 411	573	1 872	1 276	1 494	756	255	125	60	3.10	20 237
\$60,000 to \$79,999 .....	5 763	346	1 500	1 223	1 449	774	356	85	30	3.35	19 129
\$80,000 to \$99,999 .....	1 724	60	418	335	417	280	151	57	6	3.62	6 179
\$100,000 to \$149,999 .....	797	22	173	185	244	106	44	11	12	3.58	2 947
\$150,000 or more .....	193	13	35	44	54	33	7	—	7	3.58	754
Median .....	\$40 100	\$32 800	\$38 900	\$41 000	\$43 200	\$42 500	\$43 900	\$41 900	\$40 100	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	73 687	10 744	23 139	13 970	13 741	7 438	3 094	1 078	483	2.71	223 420
Median income .....	\$19 254	\$7 064	\$16 552	\$21 894	\$23 654	\$24 527	\$26 675	\$27 056	\$26 349	...	...
Median selected monthly owner costs as percentage of household income .....	15.7	25.2	14.5	14.3	15.8	15.1	14.4	14.3	13.9	...	...
With a mortgage .....	17.8	26.4	18.0	18.2	17.6	16.8	15.4	15.7	15.3	...	...
Not mortgaged .....	12.5	24.8	12.6	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level .....	4 235	1 659	928	494	470	348	171	93	72	1.99	...
Median income .....	\$3 492	\$2 831	\$3 173	\$3 554	\$5 439	\$5 772	\$7 097	\$7 684	\$10 833	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	50+	34.2	32.5	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	50+	45.0	34.2	...	...
Not mortgaged .....	48.1	50+	46.1	38.4	32.3	27.8	26.9	20.6	23.8	...	...
<b>Renter-occupied housing units</b> .....	<b>32 659</b>	<b>12 988</b>	<b>9 704</b>	<b>4 534</b>	<b>3 051</b>	<b>1 370</b>	<b>633</b>	<b>267</b>	<b>112</b>	<b>1.84</b>	<b>70 119</b>
Nonrelatives present .....	3 652	—	2 260	781	3 070	1 553	40	30	18	2.31	9 561
<b>ROOMS</b> .....											
1 room .....	921	893	21	7	—	—	—	—	—	1.02	1 000
2 rooms .....	1 645	1 405	174	52	14	—	—	—	—	1.09	1 939
3 rooms .....	6 646	4 512	1 692	281	131	28	2	—	—	1.24	9 226
4 rooms .....	8 977	3 447	3 136	1 545	647	162	22	15	3	1.83	17 431
5 rooms .....	7 654	1 763	2 802	1 427	1 015	416	176	34	21	2.24	18 661
6 rooms .....	3 908	624	1 186	719	680	383	200	79	37	2.70	11 547
7 or more rooms .....	2 908	344	693	503	564	381	233	139	51	3.33	10 315
Median .....	4.3	3.4	4.4	4.8	5.2	5.7	6.1	6.6	6.4	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	31 502	12 224	9 497	4 471	2 973	1 336	624	265	112	1.87	68 171
1.00 or less .....	30 721	12 224	9 483	4 418	2 846	1 165	430	139	16	1.83	64 059
1.01 to 1.50 .....	677	—	—	46	119	143	192	111	66	5.66	6 491
1.51 or more .....	104	—	14	7	8	28	2	15	30	5.32	621
Lacking complete plumbing for exclusive use .....	1 157	764	207	63	78	34	9	2	—	1.26	1 948
1.00 or less .....	1 099	764	200	57	60	15	3	—	—	1.22	1 675
1.01 to 1.50 .....	45	—	—	6	12	19	6	2	—	4.74	234
1.51 or more .....	13	—	7	—	6	—	—	—	—	2.43	39
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	6 320	1 465	1 866	1 075	889	510	318	150	47	2.41	17 500
2 .....	8 999	2 947	3 037	1 391	1 029	409	113	44	29	2.01	20 302
3 and 4 .....	6 305	2 910	1 884	792	472	145	64	24	14	1.63	12 134
5 to 9 .....	4 500	2 190	1 282	566	262	93	84	23	—	1.55	8 342
10 to 49 .....	4 135	2 200	1 094	411	237	140	26	13	14	1.44	7 388
50 or more .....	1 287	986	242	40	7	6	—	—	6	1.15	1 642
Mobile home or trailer, etc. ....	1 113	290	299	259	155	67	28	13	2	2.39	2 811
<b>GROSS RENT</b> .....											
Specified renter-occupied housing units .....	31 377	12 716	9 321	4 332	2 894	1 233	538	235	108	1.82	66 426
Less than \$100 .....	1 434	1 212	161	27	13	12	3	6	—	1.09	1 745
\$100 to \$149 .....	4 005	2 492	904	326	160	63	41	9	10	1.30	6 461
\$150 to \$199 .....	7 864	3 799	2 389	868	515	173	71	40	9	1.56	14 721
\$200 to \$249 .....	7 392	2 522	2 536	1 114	708	278	173	29	32	1.96	16 028
\$250 to \$299 .....	4 803	1 239	1 558	949	617	311	71	51	7	2.25	11 647
\$300 to \$349 .....	2 239	443	791	535	296	72	62	29	11	2.36	5 511
\$350 to \$399 .....	905	130	261	153	192	96	34	33	6	2.90	2 877
\$400 to \$499 .....	610	85	139	130	124	87	16	23	6	3.12	1 951
\$500 or more .....	194	50	39	14	49	31	4	7	—	3.07	659
No cash rent .....	1 931	744	543	216	220	110	63	8	27	1.91	4 826
Median .....	\$209	\$180	\$216	\$238	\$246	\$255	\$230	\$273	\$240	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	32 659	12 988	9 704	4 534	3 051	1 370	633	267	112	1.84	70 119
Median income .....	\$10 276	\$7 087	\$12 349	\$11 765	\$13 633	\$12 603	\$13 660	\$15 048	\$14 688	...	...
Median gross rent as percentage of household income .....	24.4	28.1	21.2	24.7	22.9	25.3	22.1	21.1	22.3	...	...
Income in 1979 below poverty level .....	6 654	2 816	1 392	991	695	418	203	94	45	1.87	...
Median income .....	\$3 610	\$2 838	\$3 552	\$4 221	\$5 677	\$5 902	\$6 968	\$7 000	\$11 544	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	50+	49.7	38.6	44.0	32.5	...	...



Table A — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

		Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age	
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Total		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age	
Owner-occupied housing units																		
PERSONS IN UNIT																		
1 person	73 687	1 244	10 295	11 882	22 979	8 838	226	994	847	1 880	1 851	122	829	1 262	4 208	6 230	51.4	
2 persons	10 744	603	1 911	844	8 708	7 141	128	571	395	998	1 401	54	202	247	2 051	4 697	67.3	
3 persons	23 139	2 622	2 622	1 667	5 902	7 304	44	238	160	503	313	33	160	257	1 071	1 107	60.9	
4 persons	13 970	1 599	3 736	4 297	4 273	2 774	38	72	72	224	82	19	266	224	602	282	49.6	
5 persons	7 441	63	1 556	2 963	2 337	75	5	64	26	104	29	14	90	239	289	90	40.8	
6 or more persons	4 655	13	470	2 111	759	21	1	23	21	28	5	2	6	58	109	25	41.2	
Median	2.71	2.55	3.66	4.30	2.97	2.12	1.38	1.37	1.68	1.44	1.16	1.71	2.52	2.89	1.55	1.16	43.6	
Total persons	223 420	3 575	38 074	52 616	76 181	19 942	393	1 846	1 844	3 505	2 514	236	2 095	3 779	8 324	8 496	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use	72 915	1 232	10 225	11 809	22 802	8 733	226	961	846	1 829	1 794	122	813	1 243	4 160	6 120	51.3	
1.01 or more persons per room	1 081	26	181	367	363	15	—	20	14	19	—	—	16	13	32	27	43.2	
Lacking complete plumbing for exclusive use	46	2	70	73	25	5	—	33	—	51	57	—	—	19	48	110	57.7	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	49.7	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified owner-occupied housing units																		
With a mortgage	51 820	607	7 509	9 024	17 045	5 897	112	583	509	1 049	1 170	27	488	911	2 858	4 031	50.7	
Less than 15 percent	29 107	561	7 075	7 886	9 135	604	73	480	373	442	79	10	422	774	948	293	41.5	
15 to 19 percent	10 572	155	1 186	2 223	5 237	140	7	121	148	141	7	—	18	104	171	25	46.0	
20 to 24 percent	6 949	134	1 877	1 115	806	109	16	94	63	66	8	1	70	138	101	35	39.8	
25 to 29 percent	4 668	154	1 866	574	342	64	17	66	41	29	14	4	89	95	100	41	35.9	
30 to 34 percent	2 619	90	1 080	212	277	60	2	58	29	20	16	5	62	99	20	34.7		
35 percent or more	1 426	51	493	212	277	136	12	82	50	70	34	—	167	192	235	147	41.2	
Not computed	2 800	56	569	568	482	136	12	82	50	70	34	—	167	192	235	147	41.2	
Median	73	22.3	21.3	16.6	14.0	23.1	23.3	21.0	17.7	18.9	33.3	30.0	31.5	24.4	31	35.1	49.7	
Not mortgaged		22 713	46	184	138	5 293	39	103	134	607	1 091	17	134	66	187	1 910	3 738	63.2
Less than 10 percent	8 730	2	184	186	4 876	1 563	15	31	66	268	148	15	13	42	523	579	59.9	
10 to 14 percent	5 097	2	164	259	1 826	1 038	16	51	38	159	147	2	19	42	367	575	62.5	
15 to 19 percent	2 782	2	58	94	544	618	1	8	9	56	219	—	3	51	298	392	67.3	
20 to 24 percent	1 821	15	19	31	231	314	1	7	6	19	144	—	5	14	186	527	70.1	
25 to 29 percent	1 145	—	7	16	163	159	—	6	2	12	92	—	2	6	128	375	69.7	
30 to 34 percent	826	—	2	43	110	340	—	6	2	57	217	—	17	27	94	307	69.1	
35 percent or more	2 193	—	—	—	152	30	—	—	—	12	112	—	—	5	306	1 046	71.6	
Not computed	99	—	—	—	8	30	—	12.0	10.1	10.9	20.8	10—	16.7	15.9	16.0	23.8	...	
Median	12.5	15.0	11.0	10—	10—	14.4	14.2	12.0	10.1	10.9	20.8	10—	16.7	15.9	16.0	23.8	...	
Renter-occupied housing units		32 659	1 967	4 310	1 656	2 283	2 105	2 435	848	1 528	808	2 251	2 944	1 382	2 604	3 950	35.7	
PERSONS IN UNIT																		
1 person	12 988	—	1 408	229	1 050	—	1 032	1 700	600	1 151	721	954	1 203	431	1 702	3 494	51.1	
2 persons	9 704	997	1 351	321	523	144	697	535	180	228	81	757	860	285	542	385	32.8	
3 persons	4 534	602	1 055	438	376	9	233	136	29	78	—	399	463	285	211	55	29.8	
4 persons	3 051	262	1 131	438	376	9	106	38	18	53	6	110	262	162	32.2	9	34.1	
5 persons	1 370	99	446	328	149	9	22	26	10	16	—	31	117	77	33	7	38.5	
6 or more persons	1 012	7	270	102	185	17	15	12	11	2	—	77	39	81	45	107	...	
Median	1.84	2.49	3.21	4.13	2.67	2.06	1.53	1.22	1.21	1.16	1.06	1.73	1.81	2.25	1.26	1.07	...	
Total persons	70 119	5 439	13 725	6 898	7 219	3 347	3 813	3 335	1 176	2 108	946	4 230	5 881	3 507	4 114	4 381	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use	31 502	1 904	4 238	1 631	2 238	1 565	1 996	2 361	816	1 377	662	2 171	2 884	1 343	2 513	3 803	35.5	
1.01 or more persons per room	1 781	81	257	180	47	6	25	74	32	8	—	23	38	34	35	—	33.7	
Lacking complete plumbing for exclusive use	58	63	72	25	17	23	109	—	—	151	146	80	60	39	91	147	50.1	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.4	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified renter-occupied housing units																		
Less than 15 percent	31 377	1 864	4 107	1 497	2 058	1 511	2 060	2 366	826	1 489	752	2 230	2 907	1 346	2 548	3 816	35.4	
15 to 19 percent	5 876	357	1 188	401	876	714	243	655	295	482	65	177	374	103	379	264	34.7	
20 to 24 percent	5 117	411	927	270	403	277	323	458	180	200	77	253	474	273	331	260	33.0	
25 to 29 percent	4 038	291	613	251	378	149	362	323	79	141	67	265	388	152	278	414	32.4	
30 to 34 percent	2 974	204	391	110	170	209	221	264	44	128	83	150	313	175	294	358	34.8	
35 to 49 percent	2 204	139	194	92	74	151	212	79	27	65	85	227	194	151	216	298	37.0	
50 percent or more	3 896	167	303	109	132	222	211	180	73	125	136	366	511	256	377	728	39.7	
Not computed	2 315	213	220	117	89	94	393	290	77	227	104	705	571	245	502	1 070	36.4	
Median	24.4	22.1	18.9	20.1	16.9	24.9	26.2	20.2	17.6	20.1	31.0	35.0	27.8	30.8	28.4	36.7	...	

**Table A—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Male householder							Female householder						
	Total	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units .....	10 744	3 493	128	571	395	998	1 401	7 251	54	202	247	2 051	4 697	
PLUMBING FACILITIES														
Complete plumbing for exclusive use .....	10 528	3 388	128	543	395	965	1 357	7 140	54	196	247	2 029	4 614	
Lacking complete plumbing for exclusive use .....	216	105	—	28	—	33	44	111	—	6	—	22	83	
UNITS IN STRUCTURE														
1, detached or attached .....	8 040	2 677	82	384	289	786	1 136	5 363	11	132	176	1 495	3 549	
2 or more .....	1 576	440	12	117	53	90	168	1 136	20	25	32	302	757	
Mobile home or trailer, etc. ....	1 128	376	34	70	53	122	97	752	23	45	39	254	391	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 .....	3 546	718	16	40	16	140	506	2 828	8	10	23	535	2 252	
\$5,000 to \$9,999 .....	3 575	1 013	54	96	63	189	611	2 562	23	52	36	788	1 663	
\$10,000 to \$12,499 .....	960	336	10	82	23	136	85	624	10	32	20	260	302	
\$12,500 to \$14,999 .....	651	272	24	89	34	58	67	379	5	27	25	145	177	
\$15,000 to \$19,999 .....	965	482	11	119	93	197	62	483	—	61	62	208	152	
\$20,000 to \$24,999 .....	512	287	8	70	55	131	23	225	8	20	54	61	82	
\$25,000 to \$34,999 .....	370	259	—	70	66	92	31	111	—	—	27	38	46	
\$35,000 to \$49,999 .....	104	79	—	5	20	43	11	25	—	—	—	8	17	
\$50,000 or more .....	61	47	5	—	25	12	5	14	—	—	—	8	6	
Median .....	\$7 064	\$10 115	\$9 595	\$14 396	\$17 750	\$13 966	\$6 118	\$6 252	\$7 065	\$13 148	\$16 523	\$8 150	\$5 211	
Mean .....	\$9 661	\$13 077	\$11 676	\$15 343	\$22 069	\$15 597	\$7 952	\$8 015	\$9 668	\$12 920	\$16 000	\$9 292	\$6 808	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units .....	6 678	2 035	62	306	214	561	892	4 643	8	120	167	1 302	3 046	
With a mortgage .....	1 558	769	41	265	178	233	52	789	—	110	147	305	227	
Less than \$200 .....	185	72	—	25	9	29	9	113	—	9	2	56	46	
\$200 to \$249 .....	315	145	9	44	33	42	17	170	—	27	21	52	70	
\$250 to \$299 .....	300	155	13	44	33	56	9	145	—	19	5	77	44	
\$300 to \$349 .....	257	130	4	50	46	30	—	127	—	22	47	35	23	
\$350 to \$399 .....	216	117	7	30	43	37	—	99	—	6	24	47	22	
\$400 to \$499 .....	169	87	8	41	2	23	13	82	—	21	12	36	13	
\$500 to \$599 .....	70	22	—	6	7	9	—	48	—	6	36	—	6	
\$600 to \$749 .....	43	41	—	25	5	7	4	2	—	—	—	2	—	
\$750 or more .....	3	—	—	—	—	—	—	3	—	—	—	—	3	
Median .....	\$296	\$305	\$294	\$319	\$315	\$291	\$250	\$288	—	\$300	\$348	\$279	\$248	
Not mortgaged .....	5 120	1 266	21	41	36	328	840	3 854	8	10	20	997	2 819	
Less than \$50 .....	11	10	—	2	—	5	3	1	—	—	—	—	1	
\$50 to \$74 .....	221	86	5	—	—	10	71	135	—	3	—	25	107	
\$75 to \$99 .....	661	174	8	5	6	43	112	487	8	—	—	80	399	
\$100 to \$124 .....	1 198	264	1	24	16	65	158	934	—	2	2	242	688	
\$125 to \$149 .....	1 201	255	—	3	—	70	182	946	—	—	6	260	680	
\$150 to \$199 .....	1 296	358	6	7	2	90	253	938	—	—	12	289	637	
\$200 to \$249 .....	373	81	1	—	12	36	32	292	—	5	—	69	218	
\$250 or more .....	159	38	—	—	—	9	29	121	—	—	—	32	89	
Median .....	\$135	\$135	\$92	\$114	\$119	\$140	\$135	\$135	\$88	\$162	\$158	\$140	\$133	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979 .....	25.2	21.0	20.6	22.2	17.3	16.9	23.9	27.8	10—	28.0	26.1	24.3	29.1	
With a mortgage .....	26.4	22.0	23.6	23.3	17.7	21.2	38.8	31.7	—	28.0	28.0	32.2	41.6	
Not mortgaged .....	24.8	20.1	16.6	12.3	13.3	13.3	23.0	26.8	10—	25.0	10.8	21.7	28.4	
Income in 1979 below poverty level .....	1 659	308	9	24	16	100	159	1 351	8	7	21	382	933	
Percent below poverty level .....	15.4	8.8	7.0	4.2	4.1	10.0	11.3	18.6	14.8	3.5	8.5	18.6	19.9	
Renter-occupied housing units .....	12 988	5 204	1 032	1 700	600	1 151	721	7 784	954	1 203	431	1 702	3 494	
PLUMBING FACILITIES														
Complete plumbing for exclusive use .....	12 224	4 748	956	1 639	569	1 009	575	7 476	901	1 167	417	1 629	3 362	
Lacking complete plumbing for exclusive use .....	764	456	76	61	31	142	146	308	53	36	14	73	132	
UNITS IN STRUCTURE														
1, detached or attached .....	1 465	593	76	128	80	162	147	872	56	126	49	185	456	
2 .....	2 947	1 004	223	362	124	160	135	1 943	232	329	146	421	815	
3 and 4 .....	2 910	1 124	227	428	135	213	121	1 786	254	324	101	434	673	
5 to 9 .....	2 190	899	193	263	88	256	99	1 291	231	257	51	242	510	
10 to 49 .....	2 200	1 208	265	450	131	250	112	992	146	142	60	269	375	
50 or more .....	986	231	19	39	16	89	68	755	24	11	5	112	603	
Mobile home or trailer, etc. ....	290	145	29	30	26	21	39	145	11	14	19	39	62	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 .....	4 720	1 432	262	313	105	324	428	3 288	327	148	60	672	2 081	
\$5,000 to \$9,999 .....	3 860	1 264	314	357	108	291	194	2 596	434	409	166	617	970	
\$10,000 to \$12,499 .....	1 529	729	197	315	54	118	45	800	105	280	75	177	163	
\$12,500 to \$14,999 .....	852	388	96	171	25	83	13	464	61	163	48	88	104	
\$15,000 to \$19,999 .....	1 027	635	121	317	65	118	14	392	21	143	58	86	84	
\$20,000 to \$24,999 .....	514	386	42	150	96	77	21	128	6	47	14	33	28	
\$25,000 to \$34,999 .....	372	294	—	77	105	112	—	78	—	13	2	22	41	
\$35,000 to \$49,999 .....	68	43	—	—	36	7	—	25	—	—	8	7	10	
\$50,000 or more .....	46	33	—	—	6	21	6	13	—	—	—	—	13	
Median .....	\$7 087	\$9 602	\$9 051	\$11 429	\$15 769	\$9 328	\$4 580	\$6 040	\$6 518	\$10 397	\$9 761	\$6 702	\$4 527	
Mean .....	\$8 992	\$11 290	\$8 906	\$11 728	\$16 794	\$13 011	\$6 339	\$7 456	\$6 791	\$10 493	\$10 586	\$7 597	\$6 137	
GROSS RENT														
Specified renter-occupied housing units .....	12 716	5 077	1 023	1 673	592	1 121	668	7 639	947	1 185	419	1 685	3 403	
Less than \$100 .....	1 212	358	40	49	19	115	135	854	51	37	13	176	577	
\$100 to \$149 .....	2 492	1 038	163	213	113	351	198	1 454	190	177	51	295	741	
\$150 to \$199 .....	3 799	1 404	299	509	154	318	124	2 395	375	498	142	646	734	
\$200 to \$249 .....	2 522	1 044	288	495	113	100	48	1 478	275	268	110	321	504	
\$250 to \$299 .....	1 239	578	129	215	96	116	22	661	47	149	53	124	288	
\$300 to \$349 .....	443	244	54	122	28	40	—	199	7	38	19	15	120	
\$350 to \$399 .....	130	77	27	9	8	18	15	53	—	7	—	9	37	
\$400 to \$499 .....	85	28	5	—	22	—	1	57	—	—	5	3	49	
\$500 or more .....	50	26	—	4	10	6	—	24	—	—	—	6	18	
No cash rent .....	744	280	18	57	29	57	119	464	2	11	26	90	335	
Median .....	\$180	\$185	\$200	\$203	\$199	\$157	\$137	\$176	\$183	\$187	\$194	\$174	\$164	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979 .....	28.1	22.8	26.4	20.8	17.1	19.7	32.7	32.1	33.7	22.5	23.4	31.1	38.4	
Income in 1979 below poverty level .....	2 816	946	225	253	74	239	155	1 870	236	117	50	537	930	
Percent below poverty level .....	21.7	18.2	21.8	14.9	12.3	20.8	21.5	24.0	24.7	9.7	11.6	31.6	26.6	



Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	1 104	233	253	618	Vacant for rent housing units	2 428	992	801	635
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	50	16	13	21	1 room	161	83	36	42
4 rooms	95	10	19	66	2 rooms	107	30	48	29
5 rooms	181	64	34	83	3 rooms	561	274	162	125
6 rooms	292	52	66	174	4 rooms	730	303	260	167
7 rooms	177	28	60	89	5 rooms	462	203	132	127
8 or more rooms	309	63	61	185	6 rooms	288	70	127	91
Median	6.3	6.0	6.4	6.3	7 or more rooms	119	29	36	54
					Median	4.0	3.9	4.1	4.2
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use	1 065	233	239	593	Complete plumbing for exclusive use	2 238	926	756	556
Locking complete plumbing for exclusive use	39	—	14	25	Locking complete plumbing for exclusive use	190	66	45	79
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None	7	7	—	—	None	171	83	44	44
1	75	9	21	45	1	787	382	239	166
2	159	35	34	90	2	957	386	329	242
3	525	98	125	302	3	415	127	145	143
4	276	76	60	140	4	72	7	29	36
5 or more	62	8	13	41	5 or more	26	7	15	4
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	180	46	31	103	1975 to March 1980	203	123	24	56
1970 to 1974	63	18	18	27	1970 to 1974	154	46	83	25
1960 to 1969	217	40	57	120	1960 to 1969	243	104	79	60
1950 to 1959	167	34	52	81	1950 to 1959	136	33	42	61
1940 to 1949	89	21	13	55	1940 to 1949	235	97	95	43
1939 or earlier	388	74	82	232	1939 or earlier	1 457	589	478	390
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached	950	193	226	531	1, detached or attached	440	111	163	166
2 or more	113	26	27	60	2	471	165	151	155
Mobile home or trailer	41	14	—	27	3 and 4	520	225	189	106
<b>HEATING EQUIPMENT</b>					5 to 9	278	135	77	66
Central heating system	1 008	213	237	558	10 to 49	500	290	142	68
Other means	92	18	16	58	50 or more	75	29	18	28
None	4	2	—	2	Mobile home or trailer	144	37	61	46
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units	847	188	208	451	Specified vacant for rent housing units	2 385	992	790	603
Less than \$10,000	57	—	20	37	Less than \$100	156	45	64	47
\$10,000 to \$19,999	44	5	8	31	\$100 to \$149	598	212	169	217
\$20,000 to \$29,999	176	21	36	119	\$150 to \$199	725	339	257	129
\$30,000 to \$39,999	146	75	28	43	\$200 to \$249	446	196	144	106
\$40,000 to \$49,999	112	20	29	63	\$250 to \$299	255	117	90	48
\$50,000 to \$59,999	81	4	40	37	\$300 to \$399	156	70	53	33
\$60,000 to \$79,999	113	34	36	43	\$400 or more	49	13	13	23
\$80,000 to \$99,999	82	11	3	68	Median	\$176	\$182	\$178	\$156
\$100,000 or more	36	18	8	10					
Median	\$40 000	\$39 000	\$42 700	\$38 900					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>The SMSA</b>															
Total	847	57	220	258	276	36	40 000	2 385	156	1 323	701	156	49	176	
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use	831	51	210	258	276	36	40 600	2 211	127	1 192	701	156	35	180	
Locking complete plumbing for exclusive use	16	6	10	—	—	—	11 700	174	29	131	—	—	14	112	
<b>BEDROOMS</b>															
None	—	—	—	—	—	—	—	171	17	111	19	—	24	126	
1	41	8	33	—	—	—	15 600	783	73	534	164	—	12	164	
2	85	10	36	18	21	—	26 800	938	43	477	306	105	7	191	
3	421	17	104	188	98	14	38 900	408	19	166	173	50	—	205	
4	247	19	41	46	127	14	57 900	63	4	20	32	1	6	275	
5 or more	53	3	6	6	30	8	82 800	22	—	15	7	—	—	155	
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980	130	—	8	13	99	10	67 700	189	6	47	81	48	7	258	
1970 to 1974	58	—	—	7	39	12	63 000	154	4	55	65	30	—	233	
1960 to 1969	182	—	32	65	75	10	48 400	243	—	89	114	29	11	247	
1950 to 1959	135	16	41	54	20	4	31 600	131	8	89	28	—	6	177	
1940 to 1949	88	11	21	41	15	—	34 000	229	25	97	86	21	—	191	
1939 or earlier	254	30	118	78	28	—	26 600	1 439	113	946	327	28	25	167	
<b>UNITS IN STRUCTURE</b>															
1, detached or attached	847	57	220	258	276	36	40 000	397	21	216	143	17	—	185	
2 or more	...	...	...	...	...	...	...	1 844	123	1 020	519	133	49	177	
Mobile home or trailer	...	...	...	...	...	...	...	144	12	87	39	6	—	151	



Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## Binghamton city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	7 212	76	558	1 299	2 338	1 343	610	616	204	137	31	36 600	41 500
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	5 051	23	252	825	1 701	958	471	490	180	124	27	38 000	44 100
15 to 24 years	51	—	—	6	25	20	—	—	—	—	—	38 600	38 000
25 to 34 years	642	—	19	99	285	98	51	76	10	4	—	36 900	41 100
35 to 44 years	796	—	30	83	269	156	85	93	37	35	8	40 700	48 600
45 to 64 years	2 335	6	121	377	723	489	208	231	98	63	19	39 000	45 600
65 years and over	1 227	17	82	260	399	195	127	90	35	22	—	34 800	40 000
Male householder, no wife present	468	15	79	118	119	58	37	28	10	—	4	31 800	35 300
15 to 24 years	11	—	—	4	—	—	—	—	—	—	—	51 100	42 000
25 to 34 years	92	—	21	20	26	18	7	7	—	—	—	31 600	32 800
35 to 44 years	57	—	7	13	12	—	7	8	—	—	—	22 200	32 300
45 to 64 years	151	5	18	26	38	34	16	—	10	—	4	34 300	40 900
65 years and over	157	—	33	55	43	6	7	13	—	—	—	27 000	32 000
Female householder, no husband present	1 693	38	227	356	518	327	102	98	14	13	—	33 900	35 400
15 to 24 years	7	—	—	—	7	—	—	—	—	—	—	37 500	37 500
25 to 34 years	40	—	7	4	29	—	—	—	—	—	—	32 800	30 200
35 to 44 years	110	—	9	27	19	34	8	13	—	—	—	40 000	39 500
45 to 64 years	588	14	95	98	203	90	48	34	6	—	—	33 800	34 700
65 years and over	948	24	116	227	260	203	46	51	8	13	—	33 600	35 600
Median age	57.9	65.9	62.2	61.6	57.1	56.8	56.1	55.7	55.0	53.2	49.2	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	375	—	6	99	86	81	45	25	17	16	—	39 600	45 300
1975 to 1978	971	—	20	125	398	140	96	146	21	16	9	38 300	45 900
1970 to 1974	997	10	73	153	272	226	72	114	38	22	17	39 600	46 000
1960 to 1969	1 633	—	127	220	487	384	179	102	79	50	5	39 600	44 600
1959 or earlier	3 236	66	332	702	1 095	512	218	229	49	33	—	33 900	36 800
<b>ROOMS</b>													
1 to 3 rooms	27	5	5	—	17	—	—	—	—	—	—	31 000	24 200
4 rooms	297	6	74	77	95	37	—	8	—	—	—	28 800	29 100
5 rooms	918	19	102	239	337	152	55	14	—	—	—	32 100	32 800
6 rooms	2 326	18	190	459	890	428	186	116	24	15	—	34 800	37 100
7 rooms	1 765	22	127	314	544	317	169	193	42	37	—	37 400	41 800
8 or more rooms	1 879	6	60	210	455	409	200	285	138	85	31	44 300	53 100
Median	6.5	5.9	6.0	6.2	6.3	6.7	6.9	7.4	8.2	8.4	8.5+	...	...
<b>BEDROOMS</b>													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	86	5	21	4	30	19	7	—	—	—	—	33 800	31 900
2	1 167	31	127	314	382	182	73	54	—	4	—	32 200	33 800
3	3 781	34	302	699	1 290	721	342	268	76	44	5	36 200	39 600
4	1 771	6	108	250	556	328	141	234	81	56	11	39 300	46 200
5 or more	407	—	—	32	80	93	47	60	47	33	15	49 800	62 800
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	41	—	—	—	—	5	4	18	—	9	5	67 500	85 900
1970 to 1974	42	5	—	4	—	5	—	10	—	4	14	68 500	105 500
1960 to 1969	533	—	18	43	114	105	66	64	62	52	9	48 700	61 000
1950 to 1959	1 111	8	5	89	356	269	147	152	51	34	—	43 300	48 700
1940 to 1949	910	—	6	75	158	259	173	96	33	15	—	38 000	42 100
1939 or earlier	4 575	57	460	1 005	1 609	786	297	277	58	23	3	33 900	36 300
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	534	6	79	127	180	65	45	25	7	—	—	33 100	34 400
\$5,000 to \$9,999	1 089	43	190	260	354	175	47	14	6	—	—	31 200	30 900
\$10,000 to \$12,499	511	11	54	150	185	65	17	29	—	—	—	31 600	32 600
\$12,500 to \$14,999	491	—	43	91	188	77	54	33	5	—	—	34 600	37 100
\$15,000 to \$19,999	1 000	—	49	180	448	190	84	32	7	10	—	35 400	38 000
\$20,000 to \$24,999	1 178	16	73	215	396	261	82	117	14	4	—	36 800	39 200
\$25,000 to \$34,999	1 344	—	56	208	439	281	151	151	33	25	—	39 200	43 300
\$35,000 to \$49,999	631	—	9	41	133	171	89	136	30	19	3	48 000	52 800
\$50,000 or more	434	—	5	27	15	58	41	79	102	79	28	78 500	84 200
Median	\$19 912	\$7 162	\$10 463	\$15 625	\$18 030	\$21 584	\$23 776	\$29 394	\$50 000	\$55 642	\$61 762	...	...
Mean	\$22 344	\$10 077	\$14 314	\$17 588	\$18 546	\$22 905	\$25 257	\$31 632	\$48 211	\$61 135	\$74 922	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	3 227	—	149	442	1 095	658	307	347	123	80	26	39 300	45 700
Less than 15 percent	1 296	—	39	189	395	335	113	119	44	48	14	40 600	47 000
15 to 19 percent	754	—	29	124	275	112	55	114	37	4	—	38 000	44 700
20 to 24 percent	404	—	23	34	138	63	63	50	25	—	8	40 900	48 300
25 to 29 percent	269	—	6	31	99	57	25	25	12	14	—	39 800	46 800
30 to 34 percent	151	—	20	15	79	21	—	8	—	8	—	34 800	39 400
35 percent or more	338	—	32	49	109	63	43	31	5	6	—	38 500	41 000
Not computed	15	—	—	—	—	7	—	—	—	—	—	55 300	52 800
Median	17.1	—	21.4	16.3	17.8	14.8	18.3	17.4	17.4	13.7	14.0	...	...
Not mortgaged	3 985	76	409	857	1 243	685	303	269	81	57	5	34 300	38 100
Less than 10 percent	1 585	21	102	297	541	319	109	93	58	40	5	35 800	41 400
10 to 14 percent	862	14	100	190	248	114	80	99	4	13	—	33 700	38 700
15 to 19 percent	533	24	48	151	122	90	41	47	6	4	—	33 200	35 600
20 to 24 percent	321	5	68	73	84	74	17	—	—	—	—	31 700	30 600
25 to 29 percent	152	6	29	43	56	5	13	—	—	—	—	29 200	28 800
30 to 34 percent	142	—	16	48	64	6	—	8	—	—	—	30 900	32 100
35 percent or more	370	6	39	55	115	77	43	22	13	—	—	37 500	39 300
Not computed	20	—	7	—	13	—	—	—	—	—	—	36 200	30 100
Median	12.3	15.6	14.9	13.5	11.5	11.0	12.7	12.1	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	7 207	76	558	1 299	2 338	1 338	610	616	204	137	31	36 600	41 500
1.01 or more persons per room	74	—	19	19	21	15	—	—	—	—	—	29 500	29 900
Lacking complete plumbing for exclusive use	5	—	—	—	—	5	—	—	—	—	—	42 500	42 500
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	7 212	76	558	1 299	2 338	1 343	610	616	204	137	31	36 600	41 500
Central heating system	6 983	61	526	1 225	2 279	1 314	603	607	204	133	31	36 900	41 800
Air conditioning	2 363	6	116	347	734	460	241	232	138	66	23	39 700	47 200
Central system	309	—	4	7	40	52	44	40	56	43	23	62 300	79 100
Income in 1979 below poverty level	433	6	64	85	182	50	33	13	—	—	—	34 500	33 400
Percent below poverty level	6.0	7.9	11.5	6.5	7.8	3.7	5.4	2.1	—	—	—	...	...

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Binghamton city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	12 291	873	2 049	3 662	2 882	1 587	424	174	214	91	335	192
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	3 591	67	339	985	925	702	212	72	74	42	173	214
15 to 24 years.....	497	—	33	195	152	93	5	6	—	8	5	205
25 to 34 years.....	1 390	20	115	364	410	292	73	22	29	7	58	216
35 to 44 years.....	466	4	43	79	121	112	62	18	5	7	15	240
45 to 64 years.....	685	17	83	142	152	150	29	12	32	12	56	226
65 years and over.....	553	26	65	205	90	55	43	14	8	8	39	184
Male householder, no wife present.....	2 939	238	700	929	550	293	92	41	19	22	55	178
15 to 24 years.....	833	19	114	231	229	114	92	11	19	4	—	210
25 to 34 years.....	804	24	108	343	208	107	—	—	—	—	14	188
35 to 44 years.....	251	5	70	65	35	54	—	6	—	6	10	193
45 to 64 years.....	662	85	261	206	54	13	—	16	—	6	21	146
65 years and over.....	389	105	147	84	24	5	—	8	—	6	10	133
Female householder, no husband present.....	5 761	568	1 010	1 748	1 407	592	120	61	121	27	107	185
15 to 24 years.....	1 043	44	128	301	372	85	34	21	55	3	—	206
25 to 34 years.....	1 159	35	181	402	294	204	35	8	—	—	—	196
35 to 44 years.....	514	5	85	175	109	102	23	—	—	—	15	194
45 to 64 years.....	1 285	130	206	470	313	98	13	4	9	6	36	181
65 years and over.....	1 760	354	410	400	319	103	15	28	57	18	56	161
Median age.....	38.3	67.3	51.8	34.9	32.0	32.3	30.6	42.9	39.0	59.4	56.1	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	4 535	196	570	1 270	1 249	762	221	98	101	40	28	207
1975 to 1978.....	3 776	291	677	1 175	836	517	100	25	69	12	74	189
1970 to 1974.....	1 714	186	298	543	336	166	54	10	30	39	52	180
1960 to 1969.....	1 374	132	350	411	265	97	31	41	14	—	33	174
1959 or earlier.....	892	68	154	263	196	45	18	—	—	—	148	180
<b>ROOMS</b>												
1 room.....	544	287	203	46	8	—	—	—	—	—	—	97
2 rooms.....	685	111	286	182	78	20	—	8	—	—	—	141
3 rooms.....	2 615	277	616	1 210	364	64	15	19	9	—	41	165
4 rooms.....	3 040	131	493	1 031	866	306	97	37	40	12	27	195
5 rooms.....	3 091	54	290	771	1 004	719	103	16	8	27	99	217
6 rooms.....	1 587	13	116	340	467	363	93	33	94	16	52	230
7 or more rooms.....	729	—	45	82	95	115	116	61	63	36	116	283
Median.....	4.3	2.6	3.4	3.9	4.6	5.1	5.5	5.7	6.0	5.9	5.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979.....	12 291	873	2 049	3 662	2 882	1 587	424	174	214	91	335	192
Complete plumbing for exclusive use.....	11 734	662	1 834	3 619	2 835	1 562	413	174	214	91	330	194
0.50 or less.....	8 066	517	1 368	2 557	1 906	891	263	109	117	77	261	190
0.51 to 1.00.....	3 387	145	416	982	863	632	136	61	76	14	62	205
1.01 to 1.50.....	247	—	45	66	58	32	14	4	21	—	7	204
1.51 or more.....	34	—	5	14	8	7	—	—	—	—	—	198
Lacking complete plumbing for exclusive use.....	557	211	215	43	47	25	11	—	—	—	5	108
0.50 or less.....	142	12	52	25	34	14	—	—	—	—	5	156
0.51 to 1.00.....	397	199	158	11	13	5	11	—	—	—	—	100
1.01 to 1.50.....	12	—	5	7	—	—	—	—	—	—	—	181
1.51 or more.....	6	—	—	—	—	6	—	—	—	—	—	263
Income in 1979 below poverty level.....	3 001	391	576	796	657	303	102	43	74	13	46	183
Complete plumbing for exclusive use.....	2 819	310	522	763	651	295	102	43	74	13	46	186
1.01 or more persons per room.....	146	—	40	42	38	7	—	—	12	—	7	185
Lacking complete plumbing for exclusive use.....	182	81	54	33	6	8	—	—	—	—	—	103
1.01 or more persons per room.....	7	—	—	7	—	—	—	—	—	—	—	185
<b>BEDROOMS</b>												
None.....	670	305	263	84	18	—	—	—	—	—	—	104
1.....	4 214	399	1 048	1 755	681	167	22	51	19	8	64	167
2.....	4 755	148	505	1 434	1 474	781	170	35	61	37	110	207
3.....	2 138	17	196	323	636	566	190	48	36	14	112	235
4.....	423	4	22	66	65	63	42	36	69	29	27	281
5 or more.....	91	—	15	—	8	10	—	4	29	3	22	369
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	682	5	42	91	131	89	74	36	42	21	151	249
2.....	4 018	49	446	1 203	1 096	765	183	56	71	14	135	210
3 and 4.....	2 690	76	520	943	676	343	55	17	22	—	38	188
5 to 9.....	2 077	109	401	683	599	193	65	21	6	—	—	187
10 to 49.....	1 946	278	429	648	358	182	39	—	8	—	4	170
50 or more.....	873	351	211	94	22	15	8	44	65	56	7	114
Mobile home or trailer, etc.....	5	—	—	—	—	—	—	—	—	—	—	65
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	252	111	54	20	32	7	12	—	9	—	7	106
1970 to 1974.....	555	117	78	71	123	119	17	—	—	30	—	206
1960 to 1969.....	827	122	97	145	149	165	32	50	28	33	6	213
1950 to 1959.....	1 004	37	186	286	233	160	35	15	44	3	5	199
1940 to 1949.....	1 486	92	187	441	398	203	92	14	27	—	32	201
1939 or earlier.....	8 167	394	1 447	2 699	1 947	933	236	95	106	25	285	188
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	10 927	498	1 800	3 388	2 701	1 501	397	130	149	35	328	194
4 or more.....	1 364	375	249	274	181	86	27	44	65	56	7	161
With elevator.....	701	309	112	71	21	8	8	44	65	56	7	112
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	2 256	197	468	726	481	236	71	15	24	38	...	184
15 to 19 percent.....	1 971	79	343	745	426	273	67	20	18	—	...	188
20 to 24 percent.....	1 523	167	199	466	348	249	46	27	21	—	...	195
25 to 29 percent.....	1 216	139	215	341	254	160	64	12	18	13	...	187
30 to 34 percent.....	832	90	129	205	257	100	13	17	13	8	...	196
35 to 49 percent.....	1 788	100	382	462	483	249	45	29	19	19	...	195
50 percent or more.....	2 164	40	285	665	606	316	94	44	101	13	...	206
Not computed.....	541	61	28	52	27	4	24	10	—	—	335	174
Median.....	25.5	23.9	25.0	23.6	28.4	26.0	26.3	32.4	39.1	27.9	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	12 284	873	2 042	3 662	2 882	1 587	424	174	214	91	335	192
Central heating system.....	10 967	844	1 705	3 282	2 532	1 467	366	167	214	91	299	192
Air conditioning.....	2 023	64	235	503	492	313	100	70	91	70	85	216
Central system.....	290	6	50	33	28	19	21	21	49	57	6	314



Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Binghamton city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	10 373	815	1 691	852	844	1 531	1 535	1 796	784	525	18 362	20 982	634
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	6 847	150	621	477	534	1 168	1 221	1 521	664	491	21 853	24 965	210
15 to 24 years	82	—	6	6	—	37	21	12	—	—	18 462	18 413	—
25 to 34 years	889	15	32	58	103	222	215	170	69	5	20 390	21 306	30
35 to 44 years	1 010	19	53	32	68	149	228	274	115	72	23 900	26 900	68
45 to 64 years	3 063	22	126	149	180	442	547	879	406	312	25 623	29 031	36
65 years and over	1 803	94	404	232	183	318	210	186	74	102	14 843	19 074	76
Male householder, no wife present	839	81	187	103	59	110	114	129	44	12	14 555	17 233	18
15 to 24 years	21	—	5	7	4	—	—	5	—	—	11 964	16 640	—
25 to 34 years	161	5	31	34	12	35	20	24	—	—	14 688	15 969	—
35 to 44 years	114	—	13	19	7	26	25	19	5	—	19 231	19 035	5
45 to 64 years	292	8	44	30	25	40	55	50	33	7	19 821	21 177	8
65 years and over	251	68	94	13	11	9	14	31	6	5	6 969	12 687	5
Female householder, no husband present	2 687	584	883	272	251	253	200	146	76	22	9 156	12 003	406
15 to 24 years	23	—	3	8	5	—	—	7	—	—	12 750	15 813	3
25 to 34 years	63	13	9	7	18	12	4	—	—	—	12 847	11 316	13
35 to 44 years	171	11	34	13	25	24	31	23	10	—	15 391	17 263	24
45 to 64 years	867	157	288	112	75	90	71	45	29	—	9 828	11 989	145
65 years and over	1 563	403	549	132	128	127	94	71	37	22	7 671	11 408	221
Median age	58.9	73.7	68.5	63.1	60.5	56.0	53.4	52.4	53.6	56.3	...	...	64.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	570	30	52	66	84	104	64	100	35	35	18 322	21 754	29
1975 to 1978	1 304	30	89	79	128	261	320	244	104	49	20 923	22 905	36
1970 to 1974	1 387	79	121	122	102	250	212	311	105	85	20 313	22 841	119
1960 to 1969	2 120	102	252	86	111	272	301	597	223	176	24 000	25 565	101
1959 or earlier	4 992	574	1 177	499	419	644	638	544	317	180	13 968	17 928	349
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	10 288	806	1 679	847	819	1 515	1 535	1 782	780	525	18 416	21 029	625
1.01 or more persons per room	115	—	6	—	19	20	21	25	18	6	23 672	26 153	7
Lacking complete plumbing for exclusive use	85	9	12	5	25	16	—	14	4	—	14 150	15 328	9
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	10 373	815	1 691	852	844	1 531	1 535	1 796	784	525	18 362	20 982	634
Central heating system	9 956	762	1 619	815	808	1 448	1 479	1 760	753	512	18 526	21 097	613
Air conditioning	3 348	114	390	243	207	524	544	721	332	273	21 707	24 934	101
Central system	399	15	50	—	43	37	43	86	37	88	25 587	32 992	9
Vehicles available	9 254	408	1 240	764	765	1 475	1 506	1 794	777	525	19 924	22 621	380
1	4 844	346	1 048	563	535	798	652	630	172	100	14 673	17 130	287
2 or more	4 410	62	192	201	230	677	854	1 164	605	425	24 938	28 686	93
House heating fuel	10 373	815	1 691	852	844	1 531	1 535	1 796	784	525	18 362	20 982	634
Utility gas	9 504	755	1 512	775	770	1 400	1 425	1 671	730	466	18 497	21 077	582
Bottled, tank, or LP gas	16	6	—	—	5	—	5	—	—	—	13 500	12 009	6
Electricity	93	11	12	18	7	—	17	14	4	10	14 464	21 313	11
Fuel oil, kerosene, etc.	682	36	156	59	51	120	76	91	44	49	16 741	19 931	28
Other	78	7	11	—	11	11	12	20	6	—	19 500	20 008	7
Median rooms	6.3	5.7	5.9	6.0	6.0	6.3	6.3	6.6	7.2	7.5	...	...	5.8
Specified owner-occupied housing units	7 212	534	1 089	511	491	1 000	1 178	1 344	631	434	19 912	22 344	433
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	3 227	78	208	98	210	534	641	859	345	254	23 742	26 511	130
Less than \$200	135	5	—	10	12	16	53	19	13	7	21 823	26 302	5
\$200 to \$249	513	5	51	13	31	117	118	155	18	5	21 797	22 134	16
\$250 to \$299	707	14	43	18	49	129	161	221	49	23	22 439	23 490	22
\$300 to \$349	646	24	62	27	42	100	142	141	90	18	22 798	23 546	38
\$350 to \$399	395	14	16	12	28	77	47	136	40	25	24 688	26 215	26
\$400 to \$499	471	16	19	12	17	88	108	104	58	49	23 203	27 860	23
\$500 to \$599	160	—	6	—	20	7	12	52	37	26	31 461	32 598	—
\$600 to \$749	148	—	11	6	11	—	—	25	32	63	32 302	45 195	—
\$750 or more	52	—	—	—	—	—	—	6	8	38	75000+	66 277	—
Median	\$320	\$331	\$308	\$315	\$315	\$302	\$296	\$312	\$353	\$500	...	...	\$329
Not mortgaged	3 985	456	881	413	281	466	537	485	286	180	14 657	18 970	303
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	52	14	22	5	5	—	6	—	—	—	8 214	8 990	9
\$75 to \$99	420	102	107	74	15	39	60	4	19	—	10 034	12 048	40
\$100 to \$124	867	147	249	70	84	102	112	83	16	4	11 339	13 558	97
\$125 to \$149	941	88	228	119	80	144	125	117	40	—	13 609	15 729	86
\$150 to \$199	1 082	73	233	117	69	142	147	168	87	46	17 227	19 652	62
\$200 to \$249	341	26	23	13	28	32	38	78	63	40	27 019	31 138	9
\$250 or more	282	6	19	15	—	7	49	35	61	90	36 236	41 243	—
Median	\$142	\$119	\$132	\$137	\$136	\$141	\$143	\$161	\$189	\$250	...	...	\$127
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	3 227	78	208	98	210	534	641	859	345	254	23 742	26 511	130
Less than 15 percent	1 296	—	—	—	6	58	225	528	257	222	30 537	36 623	—
15 to 19 percent	754	—	—	10	13	166	254	231	58	22	23 316	25 360	—
20 to 24 percent	404	—	—	7	51	145	96	65	30	10	19 967	22 507	—
25 to 29 percent	269	—	6	17	57	110	54	25	—	—	17 725	17 760	—
30 to 34 percent	151	—	28	24	35	48	12	4	—	—	14 179	14 301	15
35 percent or more	338	63	174	40	48	7	—	6	—	—	8 111	8 690	100
Not computed	15	15	—	—	—	—	—	—	—	—	2500—	—	15
Median	17.1	50+	50+	33.1	28.1	21.5	16.9	13.7	12.0	10.1	...	...	50+
Not mortgaged	3 985	456	881	413	281	466	537	485	286	180	14 657	18 970	303
Less than 10 percent	1 585	—	8	44	47	197	412	428	273	176	27 296	31 848	6
10 to 14 percent	862	—	115	175	160	243	95	57	13	4	14 703	16 077	—
15 to 19 percent	533	6	255	142	74	26	30	—	—	—	10 097	10 991	—
20 to 24 percent	321	68	216	37	—	—	—	—	—	—	6 807	6 988	9
25 to 29 percent	152	32	113	7	—	—	—	—	—	—	6 122	6 468	8
30 to 34 percent	142	31	103	8	—	—	—	—	—	—	5 971	5 817	39
35 percent or more	370	299	71	—	—	—	—	—	—	—	3 739	3 641	221
Not computed	20	20	—	—	—	—	—	—	—	—	2500—	—	20
Median	12.3	42.7	21.4	14.6	12.9	10.7	10—	10—	10—	10—	...	...	46.2



Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.)

Binghamton city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	12 357	3 202	3 734	1 470	961	1 430	787	476	233	64	8 844	11 057	3 023
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	3 611	202	832	518	379	763	478	249	158	32	14 172	16 039	387
15 to 24 years	497	39	120	80	77	118	52	11	—	—	12 808	12 522	81
25 to 34 years	1 397	74	238	274	123	365	202	90	31	—	14 787	15 241	171
35 to 44 years	466	30	83	62	39	139	76	26	11	—	15 625	15 320	66
45 to 64 years	693	32	90	57	54	116	112	118	90	24	19 880	23 610	42
65 years and over	558	27	301	45	86	25	36	4	26	8	9 199	12 367	27
Male householder, no wife present	2 955	864	806	364	284	295	197	102	17	26	8 713	10 662	740
15 to 24 years	839	260	280	92	79	55	54	10	9	—	8 069	9 125	321
25 to 34 years	804	137	149	165	78	151	74	38	6	6	11 758	12 539	127
35 to 44 years	251	48	48	37	37	25	25	29	2	—	11 993	13 355	43
45 to 64 years	662	185	231	42	71	58	36	25	—	14	7 809	11 625	181
65 years and over	399	234	98	28	19	6	8	—	—	6	4 622	6 822	68
Female householder, no husband present	5 791	2 136	2 096	588	298	372	112	125	58	6	6 493	8 152	1 896
15 to 24 years	1 043	387	409	98	46	52	32	14	5	—	6 308	7 400	529
25 to 34 years	1 159	261	435	189	84	117	25	48	—	—	8 522	9 761	367
35 to 44 years	514	89	239	51	43	74	12	6	—	—	8 784	9 604	155
45 to 64 years	1 302	466	438	200	58	65	22	22	31	—	7 011	8 454	414
65 years and over	1 773	933	575	50	67	64	21	35	22	6	4 850	6 901	431
Median age	38.4	56.4	41.0	31.9	34.7	31.9	32.9	40.3	51.9	61.8	...	...	32.9
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	4 553	1 301	1 396	524	309	513	272	184	48	6	8 191	10 060	1 516
1975 to 1978	3 791	834	1 031	534	317	585	270	149	45	26	10 143	11 983	796
1970 to 1974	1 714	445	507	184	178	198	88	54	33	27	8 702	11 481	347
1960 to 1969	1 384	348	477	158	122	80	90	55	54	—	8 495	11 104	213
1959 or earlier	915	274	323	70	35	54	67	34	53	5	7 764	11 317	151
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	11 800	2 940	3 583	1 419	922	1 402	774	463	233	64	9 007	11 231	2 841
0.50 or less	8 119	2 317	2 468	897	613	845	528	295	104	52	8 330	10 633	1 691
0.51 to 1.00	3 400	566	1 050	469	290	522	230	158	103	12	10 448	12 494	1 004
1.01 to 1.50	247	49	65	45	12	30	16	10	20	—	10 528	13 030	130
1.51 or more	34	8	—	8	7	5	—	—	6	—	12 857	14 531	16
Lacking complete plumbing for exclusive use	557	262	151	51	39	28	13	13	—	—	5 509	7 387	182
0.50 or less	142	66	26	20	15	15	—	—	—	—	5 481	7 189	58
0.51 to 1.00	397	196	113	31	24	13	13	7	—	—	5 130	7 125	117
1.01 to 1.50	12	—	12	—	—	—	—	—	—	—	7 143	6 733	7
1.51 or more	6	—	—	—	—	—	—	6	—	—	30 468	30 750	—
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	12 350	3 202	3 727	1 470	961	1 430	787	476	233	64	8 844	11 059	3 023
Central heating system	11 033	2 834	3 250	1 280	894	1 313	726	451	221	64	8 987	11 271	2 574
Air conditioning	2 037	300	477	240	197	365	165	175	65	53	12 519	15 916	228
Central system	290	49	78	26	29	29	15	16	16	32	11 731	20 477	45
Vehicles available	7 950	1 060	2 151	1 204	798	1 294	732	466	193	52	11 586	13 561	1 291
1	5 979	951	1 826	979	642	803	437	249	52	40	10 543	12 138	1 028
2 or more	1 971	109	325	225	156	491	295	217	141	12	16 384	17 879	263
House heating fuel	12 350	3 202	3 727	1 470	961	1 430	787	476	233	64	8 844	11 059	3 023
Utility gas	10 088	2 530	3 028	1 211	823	1 180	665	410	191	50	9 040	11 239	2 376
Bottled, tank, or LP gas	180	54	61	19	11	24	11	—	—	—	8 611	9 322	41
Electricity	467	191	164	18	26	33	21	6	—	8	6 002	8 395	134
Fuel oil, kerosene, etc.	1 497	384	448	201	101	172	83	60	42	6	8 859	11 118	420
Other	118	43	26	21	—	21	7	—	—	—	7 105	8 060	52
Median rooms	4.3	3.5	4.2	4.4	4.4	4.8	5.0	4.8	5.8	5.2	...	...	4.0
Specified renter-occupied housing units	12 291	3 187	3 722	1 454	961	1 430	780	468	225	64	8 831	11 034	3 001
<b>CONTRACT RENT</b>													
Less than \$100	1 389	756	402	74	54	55	38	5	—	5	4 750	6 498	483
\$100 to \$149	3 048	904	1 047	347	221	290	124	81	34	—	7 794	9 409	756
\$150 to \$199	4 445	988	1 350	715	409	562	264	100	51	6	9 484	10 534	1 061
\$200 to \$249	1 965	317	594	213	166	303	168	166	38	—	10 839	12 743	395
\$250 to \$299	675	85	152	67	75	129	64	61	34	8	13 617	16 717	142
\$300 to \$349	153	35	21	—	8	25	28	13	23	—	16 645	17 065	56
\$350 to \$399	104	27	13	12	7	—	24	8	6	7	12 500	18 008	34
\$400 to \$499	126	—	38	—	6	18	21	17	18	8	20 119	21 304	19
\$500 or more	51	6	—	3	6	6	—	—	—	30	56 884	58 796	9
No cash rent	335	69	105	23	9	42	49	17	21	—	9 572	13 726	46
Median	\$165	\$146	\$161	\$169	\$172	\$182	\$187	\$216	\$213	\$475	...	...	\$161
<b>GROSS RENT</b>													
Less than \$100	873	605	208	23	19	13	—	5	—	—	4 115	4 708	391
\$100 to \$149	2 049	799	741	167	110	113	52	57	5	5	6 395	8 112	576
\$150 to \$199	3 662	865	1 116	612	371	415	187	65	25	6	9 197	10 062	796
\$200 to \$249	2 882	546	929	393	282	344	225	107	56	—	9 800	11 386	657
\$250 to \$299	1 587	192	403	199	91	378	138	136	42	8	12 494	14 670	303
\$300 to \$349	424	49	109	10	50	78	48	46	34	—	14 700	16 301	102
\$350 to \$399	174	20	42	21	17	12	43	4	15	—	13 088	15 295	43
\$400 to \$499	214	36	65	3	6	29	23	18	27	7	13 750	17 095	74
\$500 or more	91	6	4	3	6	6	15	13	—	38	26 058	45 175	13
No cash rent	335	69	105	23	9	42	49	17	21	—	9 572	13 726	46
Median	\$192	\$160	\$188	\$194	\$197	\$218	\$226	\$247	\$280	\$500+	...	...	\$183
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent	2 256	8	159	119	211	580	514	407	194	64	20 460	23 154	14
15 to 19 percent	1 971	29	340	455	464	509	143	21	10	—	13 370	13 752	61
20 to 24 percent	1 523	138	474	461	163	230	47	10	—	—	10 811	10 893	107
25 to 29 percent	1 216	149	640	285	77	40	12	13	—	—	8 497	8 761	134
30 to 34 percent	832	184	523	79	25	13	8	—	—	—	7 266	7 443	168
35 to 49 percent	1 788	630	1 094	29	12	16	7	—	—	—	5 821	5 988	173
50 percent or more	2 164	1 774	387	3	9	42	49	17	21	—	3 514	3 481	1 692
Not computed	541	—	105	23	—	—	—	—	—	—	4 775	8 499	252
Median	25.5	50+	31.9	21.5	17.9	16.1	13.2	11.3	10—	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Binghamton city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units -----</b>	<b>3 227</b>	<b>135</b>	<b>513</b>	<b>707</b>	<b>646</b>	<b>395</b>	<b>471</b>	<b>160</b>	<b>148</b>	<b>52</b>	<b>320</b>
<b>PERSONS IN UNIT</b>											
1 person -----	239	4	35	54	52	51	11	14	18	—	325
2 persons -----	730	63	108	109	134	113	133	37	33	—	332
3 persons -----	645	25	97	155	154	66	93	29	15	11	315
4 persons -----	803	27	136	211	154	73	90	43	37	32	309
5 persons -----	483	10	77	89	103	48	91	32	30	3	332
6 persons -----	196	6	47	38	28	22	34	5	10	6	313
7 persons -----	79	—	13	36	10	15	—	—	5	—	287
8 or more persons -----	52	—	—	15	11	7	19	—	—	—	350
Median -----	3.50	2.52	3.62	3.67	3.39	3.01	3.48	3.50	3.72	3.97	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families -----</b>	<b>2 735</b>	<b>116</b>	<b>417</b>	<b>574</b>	<b>553</b>	<b>324</b>	<b>427</b>	<b>146</b>	<b>130</b>	<b>48</b>	<b>324</b>
15 to 24 years -----	45	—	—	—	11	6	28	—	—	—	410
25 to 34 years -----	611	15	48	110	149	89	141	37	12	10	344
35 to 44 years -----	722	29	113	174	107	78	118	20	56	27	321
45 to 64 years -----	1 232	60	244	263	249	134	126	83	62	11	310
65 years and over -----	125	12	12	27	37	17	14	6	—	—	316
<b>Male householder, no wife present -----</b>	<b>171</b>	<b>—</b>	<b>23</b>	<b>46</b>	<b>48</b>	<b>24</b>	<b>8</b>	<b>—</b>	<b>18</b>	<b>4</b>	<b>317</b>
15 to 24 years -----	4	—	—	—	4	—	—	—	—	—	325
25 to 34 years -----	63	—	—	26	15	3	8	—	11	—	318
35 to 44 years -----	34	—	13	7	6	8	—	—	—	—	279
45 to 64 years -----	65	—	10	8	23	13	—	—	7	4	332
65 years and over -----	5	—	—	5	—	—	—	—	—	—	275
<b>Female householder, no husband present -----</b>	<b>321</b>	<b>19</b>	<b>73</b>	<b>87</b>	<b>45</b>	<b>47</b>	<b>36</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>289</b>
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	40	—	—	26	14	—	—	—	—	—	288
35 to 44 years -----	70	5	17	10	—	19	11	8	—	—	358
45 to 64 years -----	167	14	51	45	24	22	11	—	—	—	271
65 years and over -----	44	—	5	6	7	6	14	6	—	—	383
Median age -----	45.3	52.4	48.3	45.0	46.1	44.1	40.5	48.4	43.4	43.0	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	325	—	—	21	48	52	126	15	39	24	425
1975 to 1978 -----	865	11	66	137	218	124	175	73	57	4	350
1970 to 1974 -----	773	23	133	232	152	99	45	35	36	18	300
1960 to 1969 -----	957	66	257	256	157	95	93	11	16	6	280
1959 or earlier -----	307	35	57	61	71	25	32	26	—	—	300
<b>ROOMS</b>											
1 to 3 rooms -----	9	—	—	—	9	—	—	—	—	—	325
4 rooms -----	90	5	33	9	12	25	6	—	—	—	289
5 rooms -----	307	25	73	74	82	20	22	—	11	—	288
6 rooms -----	956	40	213	236	199	98	136	29	5	—	298
7 rooms -----	799	42	107	194	169	86	116	53	32	—	317
8 or more rooms -----	1 066	23	87	194	175	166	191	78	100	52	366
Median -----	6.8	6.4	6.2	6.7	6.6	7.1	7.1	7.5	8.1	8.5+	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	33	—	—	—	—	—	24	4	5	—	480
1970 to 1974 -----	32	—	—	10	9	—	—	—	4	9	333
1960 to 1969 -----	370	—	30	74	83	52	75	—	38	18	349
1950 to 1959 -----	520	25	82	83	78	60	92	42	53	5	345
1940 to 1949 -----	446	22	68	91	114	51	66	22	5	7	318
1939 or earlier -----	1 826	88	333	449	362	232	214	92	43	13	306
<b>VALUE</b>											
Less than \$10,000 -----	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 -----	149	15	58	48	14	—	14	—	—	—	252
\$20,000 to \$29,999 -----	442	25	141	127	77	38	34	—	—	—	272
\$30,000 to \$39,999 -----	1 095	65	219	314	288	126	83	—	—	—	292
\$40,000 to \$49,999 -----	658	30	74	149	148	112	126	8	11	—	326
\$50,000 to \$59,999 -----	307	—	13	44	74	34	74	45	23	—	383
\$60,000 to \$79,999 -----	347	—	8	17	31	72	96	85	38	—	456
\$80,000 to \$99,999 -----	123	—	—	8	8	7	29	12	42	17	579
\$100,000 to \$149,999 -----	80	—	—	—	6	6	10	10	25	23	648
\$150,000 or more -----	26	—	—	—	—	—	5	—	9	12	733
Median -----	\$39 300	\$33 800	\$32 300	\$34 300	\$37 800	\$43 700	\$48 100	\$62 900	\$81 100	\$118 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	1 296	103	349	347	195	111	90	32	56	13	278
15 to 19 percent -----	754	27	71	194	200	95	93	42	17	15	321
20 to 24 percent -----	404	—	31	69	76	69	82	29	30	18	369
25 to 29 percent -----	269	—	12	33	55	50	94	12	13	—	384
30 to 34 percent -----	151	—	13	22	24	28	48	12	4	—	379
35 percent or more -----	338	5	37	42	89	34	64	33	28	6	348
Not computed -----	15	—	—	—	7	8	—	—	—	—	353
Median -----	17.1	11.6	12.9	15.2	18.1	19.3	23.2	21.0	20.2	19.3	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment -----</b>	<b>3 227</b>	<b>135</b>	<b>513</b>	<b>707</b>	<b>646</b>	<b>395</b>	<b>471</b>	<b>160</b>	<b>148</b>	<b>52</b>	<b>320</b>
Steam or hot water system -----	712	10	43	189	145	81	95	74	54	21	339
Central warm-air furnace or electric heat pump -----	2 337	125	437	472	469	296	340	82	85	31	314
Other built-in electric units -----	39	—	—	—	—	7	19	4	9	—	477
Floor, wall, or pipeless furnace -----	15	—	—	5	10	—	—	—	—	—	313
Other means -----	124	—	33	41	22	11	17	—	—	—	285
<b>Air conditioning -----</b>	<b>1 257</b>	<b>30</b>	<b>161</b>	<b>296</b>	<b>247</b>	<b>133</b>	<b>193</b>	<b>100</b>	<b>70</b>	<b>27</b>	<b>329</b>
Central system -----	190	—	10	17	54	27	26	13	29	14	376
1 or more individual room units -----	1 067	30	151	279	193	106	167	87	41	13	319
<b>House heating fuel -----</b>	<b>3 227</b>	<b>135</b>	<b>513</b>	<b>707</b>	<b>646</b>	<b>395</b>	<b>471</b>	<b>160</b>	<b>148</b>	<b>52</b>	<b>320</b>
Utility gas -----	2 951	131	469	639	616	348	430	149	123	46	319
Bottled, tank, or LP gas -----	5	—	—	5	—	—	—	—	—	—	275
Electricity -----	45	—	—	—	6	7	19	4	9	—	466
Fuel oil, kerosene, etc. -----	201	4	25	57	24	40	22	7	16	6	330
Other -----	25	—	19	6	—	—	—	—	—	—	233



Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Binghamton city**

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>3 985</b>	<b>—</b>	<b>52</b>	<b>420</b>	<b>867</b>	<b>941</b>	<b>1 082</b>	<b>341</b>	<b>282</b>	<b>142</b>
<b>PERSONS IN UNIT</b>										
1 person -----	1 073	—	27	181	321	205	253	67	19	126
2 persons -----	1 729	—	20	167	400	440	451	124	127	141
3 persons -----	680	—	5	56	99	205	213	49	53	147
4 persons -----	334	—	—	16	36	71	112	67	32	170
5 persons -----	120	—	—	—	11	16	31	23	39	204
6 persons -----	30	—	—	—	—	4	9	11	6	209
7 persons -----	13	—	—	—	—	—	13	—	—	175
8 or more persons -----	6	—	—	—	—	—	—	—	6	250+
Median -----	2.03	—	1.46	1.67	1.78	2.10	2.14	2.33	2.46	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> -----	<b>2 316</b>	<b>—</b>	<b>11</b>	<b>177</b>	<b>399</b>	<b>585</b>	<b>687</b>	<b>223</b>	<b>234</b>	<b>149</b>
15 to 24 years -----	6	—	—	—	6	—	—	—	—	113
25 to 34 years -----	31	—	—	—	—	5	26	—	—	170
35 to 44 years -----	74	—	—	—	—	5	49	7	13	183
45 to 64 years -----	1 103	—	—	101	196	270	269	128	139	149
65 years and over -----	1 102	—	11	76	197	305	343	88	82	147
<b>Male householder, no wife present</b> -----	<b>297</b>	<b>—</b>	<b>5</b>	<b>47</b>	<b>78</b>	<b>73</b>	<b>70</b>	<b>14</b>	<b>10</b>	<b>131</b>
15 to 24 years -----	7	—	—	—	—	7	—	—	—	138
25 to 34 years -----	29	—	—	—	8	7	7	—	7	148
35 to 44 years -----	23	—	—	10	7	6	—	—	—	105
45 to 64 years -----	86	—	—	11	25	10	29	8	3	142
65 years and over -----	152	—	5	26	38	43	34	6	—	129
<b>Female householder, no husband present</b> -----	<b>1 372</b>	<b>—</b>	<b>36</b>	<b>196</b>	<b>390</b>	<b>283</b>	<b>325</b>	<b>104</b>	<b>38</b>	<b>131</b>
15 to 24 years -----	7	—	—	—	—	7	—	—	—	138
25 to 34 years -----	—	—	—	—	—	—	—	—	—	—
35 to 44 years -----	40	—	—	—	5	18	12	5	—	146
45 to 64 years -----	421	—	22	45	114	106	91	37	6	132
65 years and over -----	904	—	14	151	271	152	222	62	32	128
Median age -----	66.2	—	69.0	68.8	67.3	65.8	66.4	63.8	62.1	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	50	—	—	—	25	12	13	—	—	125
1975 to 1978 -----	106	—	—	—	33	31	42	—	—	141
1970 to 1974 -----	224	—	5	10	28	41	61	44	35	173
1960 to 1969 -----	676	—	—	47	138	135	193	89	74	155
1959 or earlier -----	2 929	—	47	363	643	722	773	208	173	139
<b>ROOMS</b>										
1 to 3 rooms -----	18	—	5	5	8	—	—	—	—	95
4 rooms -----	207	—	5	46	82	53	12	9	—	116
5 rooms -----	611	—	14	68	176	174	145	27	7	132
6 rooms -----	1 370	—	28	144	318	340	402	99	39	139
7 rooms -----	966	—	—	137	161	235	252	103	78	145
8 or more rooms -----	813	—	—	20	122	139	271	103	158	173
Median -----	6.3	—	5.6	6.1	6.0	6.2	6.5	6.8	7.8	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	8	—	—	—	—	—	8	—	—	175
1970 to 1974 -----	10	—	—	5	—	—	—	—	5	175
1960 to 1969 -----	163	—	—	8	20	23	29	26	57	203
1950 to 1959 -----	591	—	8	41	97	94	191	91	69	165
1940 to 1949 -----	464	—	13	20	108	96	146	56	25	149
1939 or earlier -----	2 749	—	31	346	642	728	708	168	126	137
<b>VALUE</b>										
Less than \$10,000 -----	76	—	14	32	24	6	—	—	—	94
\$10,000 to \$19,999 -----	409	—	10	55	161	87	96	—	—	122
\$20,000 to \$29,999 -----	857	—	20	161	244	256	149	27	—	125
\$30,000 to \$39,999 -----	1 243	—	8	124	310	408	313	53	27	136
\$40,000 to \$49,999 -----	685	—	—	48	103	137	292	92	13	159
\$50,000 to \$59,999 -----	303	—	—	—	17	31	142	77	36	186
\$60,000 to \$79,999 -----	269	—	—	—	8	16	71	73	101	227
\$80,000 to \$99,999 -----	81	—	—	—	—	—	15	13	53	250+
\$100,000 to \$149,999 -----	57	—	—	—	—	—	4	6	47	250+
\$150,000 or more -----	5	—	—	—	—	—	—	—	5	250+
Median -----	\$34 300	—	\$20 300	\$27 600	\$30 100	\$32 600	\$39 300	\$49 800	\$72 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	1 585	—	24	176	336	346	410	159	134	144
10 to 14 percent -----	862	—	14	92	170	239	199	77	71	141
15 to 19 percent -----	533	—	—	40	108	151	154	43	37	145
20 to 24 percent -----	321	—	14	61	99	29	105	13	—	122
25 to 29 percent -----	152	—	—	10	38	41	49	7	—	142
30 to 34 percent -----	142	—	—	15	16	47	56	—	8	146
35 percent or more -----	370	—	—	26	100	81	101	37	25	143
Not computed -----	20	—	—	—	—	7	8	5	—	169
Median -----	12.3	—	10.7	11.8	12.9	12.5	13.2	10.6	10.5	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> -----	<b>3 985</b>	<b>—</b>	<b>52</b>	<b>420</b>	<b>867</b>	<b>941</b>	<b>1 082</b>	<b>341</b>	<b>282</b>	<b>142</b>
Steam or hot water system -----	715	—	9	12	142	146	199	91	116	162
Central warm-air furnace or electric heat pump -----	3 093	—	43	372	698	757	820	250	153	139
Other built-in electric units -----	35	—	—	—	—	—	22	—	13	190
Floor, wall, or pipeless furnace -----	37	—	—	12	13	5	7	—	—	113
Other means -----	105	—	—	24	14	33	34	—	—	136
<b>Air conditioning</b> -----	<b>1 106</b>	<b>—</b>	<b>6</b>	<b>74</b>	<b>185</b>	<b>264</b>	<b>274</b>	<b>163</b>	<b>140</b>	<b>154</b>
Central system -----	119	—	—	8	—	16	14	28	53	238
1 or more individual room units -----	987	—	6	66	185	248	260	135	87	149
<b>House heating fuel</b> -----	<b>3 985</b>	<b>—</b>	<b>52</b>	<b>420</b>	<b>867</b>	<b>941</b>	<b>1 082</b>	<b>341</b>	<b>282</b>	<b>142</b>
Utility gas -----	3 653	—	44	403	835	879	968	297	227	140
Bottled, tank, or LP gas -----	6	—	—	6	—	—	—	—	—	88
Electricity -----	35	—	—	—	—	—	22	—	13	190
Fuel oil, kerosene, etc. -----	273	—	8	—	25	62	92	44	42	173
Other -----	18	—	—	11	7	—	—	—	—	95



Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## Binghamton city

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units .....	10 373	60	57	555	2 282	7 419	12 357	252	567	827	2 523	8 188
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	6 847	48	44	475	1 587	4 693	3 611	23	174	225	804	2 385
15 to 24 years .....	82	—	5	—	6	71	—	17	—	41	172	267
25 to 34 years .....	889	18	—	46	245	580	1 397	—	91	57	336	913
35 to 44 years .....	1 010	14	10	89	263	634	466	—	16	50	106	294
45 to 64 years .....	3 063	16	29	270	699	2 049	693	—	17	23	133	520
65 years and over .....	1 803	—	—	70	374	1 359	558	6	50	54	57	391
Male householder, no wife present .....	839	—	13	23	191	612	2 953	39	101	191	592	2 032
15 to 24 years .....	21	—	—	—	9	12	839	7	36	51	228	517
25 to 34 years .....	161	—	—	9	27	125	804	—	47	37	196	518
35 to 44 years .....	114	—	—	—	47	251	—	—	21	—	16	214
45 to 64 years .....	292	—	13	14	58	207	662	15	4	39	113	491
65 years and over .....	251	—	—	—	50	201	399	17	14	37	39	292
Female householder, no husband present .....	2 687	12	—	57	504	2 114	5 791	190	292	411	1 127	3 771
15 to 24 years .....	23	—	—	—	23	—	1 043	—	32	95	310	606
25 to 34 years .....	63	—	—	5	28	30	1 159	25	30	48	298	758
35 to 44 years .....	171	—	—	—	41	130	514	—	26	27	107	354
45 to 64 years .....	867	12	—	27	194	634	1 302	58	26	73	188	957
65 years and over .....	1 563	—	—	25	241	1 297	1 773	107	178	168	224	1 096
Median age .....	58.9	43.0	51.1	52.4	56.9	60.5	38.4	66.5	51.5	43.3	29.9	40.9
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	570	24	—	35	135	376	4 553	99	204	297	1 135	2 818
1975 to 1978 .....	1 304	36	18	101	385	764	3 791	153	156	236	774	2 472
1970 to 1974 .....	1 387	—	39	99	323	926	1 714	—	207	163	288	1 056
1960 to 1969 .....	2 120	—	—	320	466	1 334	1 384	—	—	131	270	983
1959 or earlier .....	4 992	—	—	—	973	4 019	915	—	—	—	56	859
<b>ROOMS</b>												
1 room .....	—	—	—	—	—	—	544	6	13	84	80	361
2 rooms .....	17	—	5	—	—	12	685	8	123	55	62	437
3 rooms .....	75	—	—	—	9	66	2 630	194	125	130	491	1 690
4 rooms .....	702	6	—	33	240	423	3 047	44	126	286	816	1 775
5 rooms .....	1 896	7	5	119	487	1 278	3 113	—	112	165	597	2 239
6 rooms .....	3 239	5	24	117	774	2 319	1 593	—	51	54	358	1 130
7 or more rooms .....	4 444	42	23	286	772	3 321	745	—	17	53	119	556
Median .....	6.3	7.2	6.3	6.6	6.0	6.3	4.3	3.1	3.7	4.0	4.3	4.4
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use .....	10 288	54	57	550	2 282	7 345	11 800	252	555	778	2 440	7 775
0.50 or less .....	7 735	41	37	384	1 735	5 338	8 119	207	335	499	1 579	5 499
0.51 to 1.00 .....	2 438	13	20	156	513	1 736	3 400	45	207	268	778	2 102
1.01 to 1.50 .....	100	—	—	10	25	65	247	—	6	11	69	161
1.51 or more .....	15	—	—	—	9	6	34	—	7	—	14	13
Lacking complete plumbing for exclusive use .....	85	6	—	5	—	74	557	—	12	49	83	413
0.50 or less .....	44	—	—	5	—	39	142	—	12	—	16	114
0.51 to 1.00 .....	41	6	—	—	—	35	397	—	—	49	62	286
1.01 to 1.50 .....	—	—	—	—	—	—	12	—	—	—	5	7
1.51 or more .....	—	—	—	—	—	—	6	—	—	—	—	6
<b>PERSONS IN UNIT</b>												
1 person .....	2 098	12	9	40	443	1 594	5 417	200	261	364	897	3 695
2 persons .....	3 635	9	10	224	873	2 519	3 553	34	120	249	779	2 371
3 persons .....	1 845	12	9	78	387	1 359	1 620	18	84	73	448	997
4 persons .....	1 476	18	24	109	312	1 013	973	—	67	65	148	693
5 persons .....	793	9	5	78	174	527	483	—	13	54	152	264
6 or more persons .....	526	—	—	26	93	407	311	—	22	22	99	168
Median .....	2.35	3.25	3.52	2.67	2.30	2.34	1.71	1.13	1.69	1.70	1.97	1.67
Total persons .....	28 864	216	201	1 825	6 161	20 461	25 199	306	1 224	1 713	5 580	16 376
<b>UNITS IN STRUCTURE</b>												
1, detached or attached .....	7 669	41	57	542	2 159	4 870	748	—	21	41	206	480
2 .....	2 198	6	—	6	81	2 105	4 018	—	7	73	748	3 190
3 and 4 .....	365	—	—	7	36	315	2 690	25	58	90	329	1 988
5 to 9 .....	111	6	—	—	6	99	2 077	31	128	93	349	1 476
10 to 49 .....	30	—	—	—	—	30	1 946	—	96	281	599	941
50 or more .....	—	—	—	—	—	—	873	167	257	244	92	113
Mobile home or trailer, etc. ....	—	—	—	—	—	—	5	—	—	5	—	—
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	10 373	60	57	555	2 282	7 419	12 350	252	567	827	2 523	8 181
Steam or hot water system .....	2 225	5	9	217	328	1 666	4 894	20	180	337	1 060	3 297
Central warm-air furnace or electric heat pump .....	7 553	12	43	303	1 860	5 337	5 632	54	347	375	1 147	3 709
Other built-in electric units .....	87	43	—	18	20	6	344	171	20	50	37	66
Floor, wall, or pipeless furnace .....	89	—	5	—	20	64	163	—	12	35	3	113
Other means .....	417	—	—	17	54	346	1 317	7	8	39	276	996
Air conditioning .....	3 348	—	18	227	855	2 248	2 037	37	97	313	360	1 230
Central system .....	399	—	18	69	145	167	290	9	51	131	57	42
1 or more individual room units .....	2 949	—	—	158	710	2 081	1 747	28	46	182	303	1 188
House heating fuel .....	10 373	60	57	555	2 282	7 419	12 350	252	567	827	2 523	8 181
Utility gas .....	9 504	12	47	503	2 085	6 857	10 088	56	464	670	1 891	7 007
Battled, tank, or LP gas .....	16	—	—	—	5	11	180	—	—	10	55	115
Electricity .....	93	43	—	18	20	12	1 497	196	28	90	60	93
Fuel oil, kerosene, etc. ....	682	5	10	34	160	473	1 118	—	75	57	488	877
Other .....	78	—	—	—	12	66	—	—	—	—	29	89
Income in 1979 below poverty level .....	634	5	—	27	168	434	3 023	73	159	210	755	1 826
Percent below poverty level .....	6.1	8.3	—	4.9	7.4	5.8	24.5	29.0	28.0	25.4	29.9	22.3
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	815	5	—	27	185	598	3 202	142	162	200	657	2 041
\$5,000 to \$9,999 .....	1 691	—	—	31	351	1 309	3 734	93	172	239	737	2 493
\$10,000 to \$12,499 .....	852	8	5	19	117	703	1 470	6	50	69	284	1 061
\$12,500 to \$14,999 .....	844	7	—	17	125	695	1 961	6	59	54	214	628
\$15,000 to \$19,999 .....	1 531	11	5	45	272	1 198	1 430	5	66	116	284	959
\$20,000 to \$24,999 .....	1 535	13	19	60	398	1 045	787	—	30	70	180	507
\$25,000 to \$34,999 .....	1 796	6	—	148	459	1 183	476	—	—	51	107	314
\$35,000 to \$49,999 .....	784	—	10	94	184	496	233	—	—	14	60	159
\$50,000 or more .....	525	10	18	114	191	192	64	—	24	14	—	26
Median .....	\$18 362	\$19 773	\$24 750	\$29 583	\$21 223	\$16 869	\$8 844	\$4 630	\$7 664	\$9 393	\$8 931	\$9 042
Mean .....	\$20 982	\$23 588	\$44 102	\$33 973	\$23 696	\$18 976	\$11 057	\$5 162	\$12 891	\$12 236	\$10 898	\$11 042

Table B —8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Binghamton city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	10 373	7 669	2 704	—	12 357	748	4 018	2 690	2 077	1 946	873	5
Condominium housing units	7	—	7	—	22	—	—	—	—	5	17	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 847	5 368	1 479	—	3 611	324	1 670	743	447	326	101	—
15 to 24 years	82	51	31	—	497	18	188	142	82	67	—	—
25 to 34 years	889	675	214	—	1 397	92	716	289	175	118	7	—
35 to 44 years	1 010	860	150	—	466	82	215	68	56	39	6	—
45 to 64 years	3 063	2 451	612	—	693	76	315	160	62	52	28	—
65 years and over	1 803	1 331	472	—	558	56	236	84	72	50	60	—
Male householder, no wife present	839	525	314	—	2 955	139	655	764	498	712	187	—
15 to 24 years	21	11	10	—	839	33	249	175	150	209	23	—
25 to 34 years	161	102	59	—	804	16	216	256	112	191	13	—
35 to 44 years	114	62	52	—	251	34	68	78	32	34	5	—
45 to 64 years	292	188	104	—	662	26	79	156	138	178	85	—
65 years and over	251	162	89	—	399	30	43	99	66	100	61	—
Female householder, no husband present	2 687	1 776	911	—	5 791	285	1 693	1 183	1 132	908	585	5
15 to 24 years	23	7	16	—	1 043	65	285	239	242	207	5	—
25 to 34 years	63	45	18	—	1 159	15	370	300	278	171	25	—
35 to 44 years	171	110	61	—	514	38	190	109	107	65	5	—
45 to 64 years	867	605	262	—	1 302	61	409	267	190	259	116	—
65 years and over	1 563	1 009	554	—	1 773	106	439	268	315	206	434	5
Median age	58.9	57.9	61.6	—	38.4	43.5	34.8	33.9	35.0	35.7	72.4	77.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	570	416	154	—	4 553	223	1 390	1 079	778	839	244	—
1975 to 1978	1 304	1 036	268	—	3 791	211	1 270	853	636	513	308	—
1970 to 1974	1 387	1 044	343	—	1 714	66	514	294	316	269	255	—
1960 to 1969	2 120	1 718	402	—	1 384	120	502	257	205	229	66	5
1959 or earlier	4 992	3 455	1 537	—	915	128	342	207	142	96	—	—
ROOMS												
1 room	—	—	—	—	544	—	8	43	56	259	178	—
2 rooms	17	5	12	—	685	6	29	148	209	157	136	—
3 rooms	75	22	53	—	2 630	54	302	835	540	571	323	5
4 rooms	702	330	372	—	3 047	131	916	710	522	626	142	—
5 rooms	1 896	964	932	—	3 113	110	1 603	637	455	258	50	—
6 rooms	3 239	2 412	827	—	1 593	171	854	237	243	57	31	—
7 or more rooms	4 444	3 936	508	—	745	276	306	80	52	18	13	—
Median	6.3	6.6	5.5	—	4.3	5.9	5.0	3.9	3.9	3.5	2.9	3.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	10 288	7 664	2 624	—	11 800	748	3 962	2 607	1 998	1 719	761	5
0.50 or less	7 735	5 826	1 909	—	8 119	501	2 730	1 808	1 375	1 123	577	5
0.51 to 1.00	2 438	1 760	678	—	3 400	215	1 143	721	603	540	178	—
1.01 to 1.50	100	69	31	—	247	32	76	70	20	49	—	—
1.51 or more	15	9	6	—	34	—	13	8	—	7	6	—
Lacking complete plumbing for exclusive use	85	5	80	—	557	—	56	83	79	227	112	—
0.50 or less	44	5	39	—	142	—	30	35	34	23	20	—
0.51 to 1.00	41	—	41	—	397	—	26	48	38	193	92	—
1.01 to 1.50	—	—	—	—	12	—	—	—	7	5	—	—
1.51 or more	—	—	—	—	6	—	—	—	—	6	—	—
BEDROOMS												
None	—	—	—	—	670	—	12	58	104	292	204	—
1	353	86	267	—	4 229	80	732	1 242	864	817	489	5
2	2 373	1 236	1 137	—	4 780	249	2 091	940	740	625	135	—
3	5 061	3 996	1 065	—	2 156	225	1 054	382	280	181	34	—
4	2 082	1 885	197	—	431	152	109	58	74	27	11	—
5 or more	504	466	38	—	91	42	20	10	15	4	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	815	561	254	—	3 202	115	617	781	547	720	417	5
\$5,000 to \$9,999	1 691	1 168	523	—	3 734	229	1 195	688	798	569	255	—
\$10,000 to \$14,999	852	541	311	—	1 470	71	559	373	218	219	30	—
\$15,000 to \$19,999	844	497	347	—	961	45	336	192	206	154	28	—
\$20,000 to \$24,999	1 531	1 068	463	—	1 430	107	684	289	176	139	35	—
\$25,000 to \$29,999	1 535	1 242	293	—	787	93	354	176	70	78	16	—
\$30,000 to \$34,999	1 796	1 432	364	—	476	53	154	142	36	67	24	—
\$35,000 to \$49,999	784	670	114	—	233	35	108	34	26	—	30	—
\$50,000 or more	525	490	35	—	64	—	11	15	—	—	38	—
Median	\$18 362	\$19 998	\$14 402	—	\$8 844	\$11 056	\$10 881	\$9 167	\$7 642	\$6 723	\$5 264	\$3 750
Mean	\$20 982	\$22 542	\$16 557	—	\$11 057	\$13 646	\$12 490	\$11 192	\$9 422	\$8 634	\$11 168	\$3 410
SELECTED CHARACTERISTICS												
Heating equipment	10 373	7 669	2 704	—	12 350	748	4 018	2 690	2 070	1 946	873	5
Steam or hot water system	2 225	1 584	641	—	4 894	190	707	1 159	1 079	1 390	369	—
Central warm-air furnace or electric heat pump	7 555	5 711	1 844	—	5 632	469	2 719	1 055	658	415	311	5
Other built-in electric units	87	74	13	—	344	18	25	35	39	55	172	—
Floor, wall, or pipeless furnace	417	242	175	—	1 317	60	503	408	268	78	—	—
Air conditioning	3 348	2 543	805	—	2 037	193	708	321	269	267	279	—
Central system	399	344	55	—	290	13	23	7	18	65	164	—
Vehicles available	9 254	6 938	2 316	—	7 950	559	3 075	1 716	1 316	972	312	—
1	4 844	3 362	1 482	—	5 979	372	2 165	1 256	1 092	820	274	—
2 or more	4 410	3 576	834	—	1 971	187	910	460	224	152	38	—
House heating fuel	10 373	7 669	2 704	—	12 350	748	4 018	2 690	2 070	1 946	873	5
Utility gas	9 504	7 038	2 466	—	10 088	657	3 599	2 180	1 738	1 384	525	5
Bottled, tank, or LP gas	16	11	4	—	180	4	60	56	30	30	—	—
Electricity	93	80	13	—	467	18	36	70	83	62	198	—
Fuel oil, kerosene, etc.	682	497	185	—	1 497	61	261	367	199	465	144	—
Other	78	43	35	—	118	8	62	17	20	5	6	—
Water heating fuel	10 373	7 669	2 704	—	12 329	748	4 018	2 669	2 077	1 939	873	5
Utility gas	9 749	7 137	2 612	—	10 683	716	3 754	2 344	1 775	1 539	550	5
Bottled, tank, or LP gas	62	52	10	—	223	—	48	55	45	63	12	—
Electricity	450	402	48	—	703	12	119	142	147	83	200	—
Fuel oil, kerosene, etc.	112	78	34	—	673	12	77	128	96	249	111	—
Other	—	—	—	—	47	8	20	—	14	5	—	—
Family householder	8 150	6 250	1 900	—	5 575	477	2 352	1 079	848	671	148	—
With own children under 18 years	3 007	2 446	561	—	3 060	255	1 258	602	532	382	31	—
With own children under 6 years	1 015	779	236	—	1 775	107	764	359	289	237	19	—
Female householder, no husband present	973	675	298	—	1 707	112	622	266	366	294	47	—
With own children under 18 years	217	169	48	—	1 233	53	453	223	268	217	19	—
With own children under 6 years	17	11	6	—	598	23	201	104	120	131	19	—
Nonfamily householder	2 223	1 419	804	—	6 782	271	1 666	1 611	1 229	1 275	725	5
Income in 1979 below poverty level	634	458	176	—	3 023	149	745	723	508	629	264	5
Percent below poverty level	6.1	6.0	6.5	—	24.5	19.9	18.5	26.9	24.5	32.3	30.2	100.0



Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Binghamton city**

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	<b>10 373</b>	<b>2 098</b>	<b>3 635</b>	<b>1 845</b>	<b>1 476</b>	<b>793</b>	<b>335</b>	<b>115</b>	<b>76</b>	<b>2.35</b>	<b>28 864</b>
Nonrelatives present .....	298	—	92	102	33	36	15	13	7	3.06	1 052
<b>ROOMS</b> .....											
1 to 3 rooms .....	92	57	20	—	—	9	6	—	—	1.31	175
4 rooms .....	702	257	306	93	21	25	—	—	—	1.81	1 380
5 rooms .....	1 896	479	864	330	120	72	23	8	—	2.04	4 432
6 rooms .....	3 239	695	1 260	513	491	189	64	9	18	2.23	8 452
7 rooms .....	2 206	384	677	447	341	196	104	47	10	2.59	6 480
8 or more rooms .....	2 238	226	508	462	503	302	138	51	48	3.33	7 945
Median .....	6.3	5.9	6.0	6.5	6.8	7.0	7.2	7.4	8.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	10 288	2 086	3 603	1 825	1 459	793	331	115	76	2.35	28 608
1.00 or less .....	10 173	2 086	3 603	1 825	1 459	759	302	98	41	2.33	27 845
1.01 to 1.50 .....	100	—	—	—	—	25	23	17	35	6.62	685
1.51 or more .....	15	—	—	—	—	9	6	—	—	5.33	78
Lacking complete plumbing for exclusive use .....	85	12	32	20	17	—	4	—	—	2.45	256
1.00 or less .....	85	12	32	20	17	—	4	—	—	2.45	256
1.01 to 1.50 .....	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	7 669	1 367	2 620	1 421	1 218	633	260	92	58	2.44	21 926
2 or more .....	2 704	731	1 015	424	258	160	75	23	18	2.11	6 938
Mobile home or trailer, etc. ....	—	—	—	—	—	—	—	—	—	—	—
<b>VALUE</b> .....											
Specified owner-occupied housing units .....	7 212	1 312	2 459	1 325	1 137	603	226	92	58	2.43	20 513
Less than \$10,000 .....	76	23	37	16	—	—	—	—	—	1.91	142
\$10,000 to \$19,999 .....	558	182	172	105	52	20	19	8	—	2.06	1 457
\$20,000 to \$29,999 .....	1 299	290	478	172	162	116	63	10	8	2.25	3 458
\$30,000 to \$39,999 .....	2 338	367	799	501	408	155	53	32	23	2.51	6 713
\$40,000 to \$49,999 .....	1 343	266	400	244	218	126	37	37	15	2.52	3 966
\$50,000 to \$59,999 .....	610	86	242	87	102	87	—	—	6	2.40	1 704
\$60,000 to \$79,999 .....	616	70	198	149	111	44	44	—	—	2.77	1 753
\$80,000 to \$99,999 .....	204	15	86	26	37	29	—	5	6	2.54	612
\$100,000 to \$149,999 .....	137	13	47	21	28	18	10	—	—	2.90	514
\$150,000 or more .....	31	—	—	4	19	8	—	—	—	4.11	194
Median .....	\$36 600	\$33 900	\$35 200	\$37 100	\$38 600	\$40 700	\$36 800	\$37 100	\$39 200	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	10 373	2 098	3 635	1 845	1 476	793	335	115	76	2.35	28 864
Median income .....	\$18 362	\$7 003	\$17 068	\$21 872	\$25 075	\$25 520	\$25 077	\$28 958	\$28 409	...	...
Median selected monthly owner costs as percentage of household income .....	14.6	23.5	13.3	11.8	14.2	14.2	14.7	12.1	12.7	...	...
With a mortgage .....	17.1	35.9	17.7	16.0	16.3	15.9	15.9	12.5	13.5	...	...
Not mortgaged .....	12.3	22.5	11.5	10—	10—	10—	10—	10.4	10—	...	...
Income in 1979 below poverty level .....	634	333	116	81	55	17	17	8	7	1.45	...
Median income .....	\$3 303	\$2 738	\$3 314	\$3 405	\$6 250	\$6 458	\$8 068	\$8 750	\$13 750	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	46.9	32.9	46.8	50+	50+	32.5	32.5	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	50+	32.5	32.5	...	...
Not mortgaged .....	46.2	50+	43.9	31.3	29.7	—	—	—	—	...	...
<b>Renter-occupied housing units</b> .....	<b>12 357</b>	<b>5 417</b>	<b>3 553</b>	<b>1 620</b>	<b>973</b>	<b>483</b>	<b>183</b>	<b>75</b>	<b>53</b>	<b>1.71</b>	<b>25 199</b>
Nonrelatives present .....	1 638	—	984	372	168	84	13	6	11	2.33	4 358
<b>ROOMS</b> .....											
1 room .....	544	544	—	—	—	—	—	—	—	1.00	544
2 rooms .....	685	597	59	15	14	—	—	—	—	1.07	795
3 rooms .....	2 630	1 869	601	115	40	5	—	—	—	1.20	3 622
4 rooms .....	3 047	1 260	1 017	548	167	55	—	—	—	1.76	5 783
5 rooms .....	3 113	795	1 180	508	348	188	79	—	15	2.15	7 480
6 rooms .....	1 593	307	499	282	253	125	73	42	12	2.48	4 477
7 or more rooms .....	745	45	197	152	151	110	31	33	26	3.36	2 498
Median .....	4.3	3.3	4.6	4.8	5.3	5.5	5.7	6.4	6.5	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	11 800	4 981	3 491	1 595	939	483	183	75	53	1.76	24 418
1.00 or less .....	11 519	4 981	3 491	1 580	903	423	104	33	4	1.72	22 921
1.01 to 1.50 .....	247	—	—	15	28	55	79	42	28	5.82	1 281
1.51 or more .....	34	—	—	—	8	5	—	—	21	7.77	216
Lacking complete plumbing for exclusive use .....	557	436	62	25	34	—	—	—	—	1.14	781
1.00 or less .....	539	436	62	25	16	—	—	—	—	1.12	708
1.01 to 1.50 .....	12	—	—	—	12	—	—	—	—	4.00	52
1.51 or more .....	6	—	—	—	6	—	—	—	—	4.00	21
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	748	194	211	136	87	57	23	23	17	2.35	1 909
2 .....	4 018	1 173	1 494	616	432	214	50	27	12	2.06	9 435
3 and 4 .....	2 690	1 284	737	340	210	75	23	10	11	1.58	5 236
5 to 9 .....	2 077	995	527	290	125	58	67	15	—	1.58	4 042
10 to 49 .....	1 946	1 060	453	214	119	73	20	—	7	1.42	3 499
50 or more .....	873	706	131	24	—	6	—	—	6	1.12	1 072
Mobile home or trailer, etc. ....	5	5	—	—	—	—	—	—	—	1.00	6
<b>GROSS RENT</b> .....											
Specified renter-occupied housing units .....	12 291	5 392	3 535	1 597	973	483	183	75	53	1.71	25 096
Less than \$100 .....	873	752	92	21	—	8	—	—	—	1.08	1 045
\$100 to \$149 .....	2 049	1 322	389	187	60	52	21	9	5	1.27	3 355
\$150 to \$199 .....	3 662	1 786	1 143	378	213	81	34	21	6	1.54	6 919
\$200 to \$249 .....	2 882	962	994	404	266	158	80	4	14	1.98	6 486
\$250 to \$299 .....	1 587	255	551	391	231	122	20	10	7	2.48	4 180
\$300 to \$349 .....	424	49	112	69	49	10	21	12	—	2.61	1 164
\$350 to \$399 .....	174	37	48	41	37	—	7	—	4	2.55	488
\$400 to \$499 .....	214	49	48	14	53	29	—	15	6	3.21	552
\$500 or more .....	91	36	27	14	7	—	—	—	—	1.85	179
No cash rent .....	335	140	92	35	37	16	—	4	11	1.80	728
Median .....	\$192	\$164	\$204	\$221	\$236	\$222	\$213	\$254	\$238	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	12 357	5 417	3 553	1 620	973	483	183	75	53	1.71	25 199
Median income .....	\$8 844	\$6 118	\$11 623	\$10 635	\$11 816	\$10 802	\$13 625	\$22 188	\$14 821	...	...
Median gross rent as percentage of household income .....	25.5	29.7	21.0	26.6	24.4	24.2	21.1	18.8	22.3	...	...
Income in 1979 below poverty level .....	3 023	1 365	583	474	272	217	63	28	21	1.75	...
Median income .....	\$3 625	\$2 804	\$3 529	\$4 502	\$5 742	\$6 127	\$6 620	\$6 842	\$11 406	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	50+	39.9	38.3	23.9	29.4	...	...



Table B — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Binghamton city	Married-couple families												Male householder, no wife present					Female householder, no husband present					Median age			
	15 to 24 years					25 to 34 years					35 to 44 years					45 to 64 years					65 years and over					
	Total	10 373	82	889	1 010	3 063	1 803	21	161	114	292	251	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over				
Owner-occupied housing units -----																										
PERSONS IN UNIT																										
1 person -----	2 098	2 098	40	180	70	1 183	1 361	9	111	47	132	167	13	13	47	449	1 110	69.5	69.5	69.5	69.5	69.5	69.5			
2 persons -----	3 635	3 635	21	240	112	772	331	5	25	12	99	42	3	20	20	234	324	55.9	55.9	55.9	55.9	55.9	55.9			
3 persons -----	1 845	1 845	15	261	368	580	80	7	14	5	19	14	7	5	22	43	36	46.0	46.0	46.0	46.0	46.0	46.0			
4 persons -----	793	793	6	149	267	281	27	—	—	—	5	5	—	—	27	16	15	45.3	45.3	45.3	45.3	45.3	45.3			
5 persons -----	526	526	2	59	193	247	4	—	—	—	—	—	—	—	—	12	120	45.3	45.3	45.3	45.3	45.3	45.3			
6 or more persons -----	235	235	2	359	438	295	216	2.80	1.23	2.33	1.64	1.25	1.38	2.42	2.36	1.47	1.20	45.3	45.3	45.3	45.3	45.3	45.3			
Median -----	28 864	28 864	231	3 293	4 828	10 227	4 240	51	249	255	596	393	37	159	492	1 597	2 216	...	...	...	...	...	...			
PLUMBING FACILITIES BY PERSONS PER ROOM																										
Complete plumbing for exclusive use -----	10 288	10 288	82	880	1 000	3 028	1 791	21	161	114	285	251	23	63	171	867	1 551	59.0	59.0	59.0	59.0	59.0	59.0			
1.01 or more persons per room -----	115	115	—	6	40	54	12	—	—	—	7	—	—	—	—	6	9	48.4	48.4	48.4	48.4	48.4	48.4			
Lacking complete plumbing for exclusive use -----	85	85	—	9	10	35	—	—	—	—	—	—	—	—	—	—	12	56.1	56.1	56.1	56.1	56.1	56.1			
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																										
Specified owner-occupied housing units -----																										
With a mortgage -----	7 212	7 212	51	642	796	2 335	1 227	11	92	57	151	157	7	40	110	588	948	57.9	57.9	57.9	57.9	57.9	57.9			
Less than 15 percent -----	3 227	3 227	45	611	722	1 232	125	4	63	34	65	5	—	40	70	157	44	45.3	45.3	45.3	45.3	45.3	45.3			
15 to 19 percent -----	1 754	1 754	12	115	315	742	46	—	9	5	20	5	—	4	18	31	6	49.3	49.3	49.3	49.3	49.3	49.3			
20 to 24 percent -----	404	404	6	144	187	272	11	—	23	8	21	—	—	—	6	6	8	37.7	37.7	37.7	37.7	37.7	37.7			
25 to 29 percent -----	269	269	21	113	59	101	6	4	—	—	—	—	—	—	—	6	6	34.1	34.1	34.1	34.1	34.1	34.1			
30 to 34 percent -----	151	151	6	52	20	42	8	—	—	—	—	—	—	—	—	5	40	42.0	42.0	42.0	42.0	42.0	42.0			
35 percent or more -----	338	338	6	25	71	56	13	—	27	14	9	—	—	17	29	47	24	42.0	42.0	42.0	42.0	42.0	42.0			
Not computed -----	15	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60.3	60.3	60.3	60.3	60.3	60.3			
Median -----	17.1	17.1	26.1	21.0	16.2	13.8	17.0	—	24.0	23.1	19.2	17.5	—	32.9	24.2	31.4	44.0	...	...	...	...	...	...			
Net mortgages -----	3 985	3 985	6	31	74	1 103	1 102	7	29	23	86	152	7	—	40	421	904	66.2	66.2	66.2	66.2	66.2	66.2			
Less than 10 percent -----	1 585	1 585	6	17	37	791	356	—	16	7	24	30	—	—	16	65	169	62.4	62.4	62.4	62.4	62.4	62.4			
10 to 14 percent -----	86	86	—	6	17	180	307	—	22	7	7	10	—	—	—	5	118	66.9	66.9	66.9	66.9	66.9	66.9			
15 to 19 percent -----	523	523	—	8	5	59	230	—	7	—	7	24	—	—	—	63	118	70.0	70.0	70.0	70.0	70.0	70.0			
20 to 24 percent -----	321	321	—	—	—	19	66	—	—	—	—	16	—	—	—	30	149	71.7	71.7	71.7	71.7	71.7	71.7			
25 to 29 percent -----	132	132	—	—	—	8	23	—	—	—	—	15	—	—	—	31	54	66.9	66.9	66.9	66.9	66.9	66.9			
30 to 34 percent -----	142	142	—	—	—	7	31	—	—	—	—	4	—	—	—	101	167	73.3	73.3	73.3	73.3	73.3	73.3			
35 percent or more -----	370	370	—	—	—	10	69	—	—	—	—	19	—	—	—	13	37	66.9	66.9	66.9	66.9	66.9	66.9			
Not computed -----	20	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	67.2	67.2	67.2	67.2	67.2	67.2			
Median -----	12.3	12.3	10—	12.8	10.0	10—	13.0	12.5	13.3	10—	10.0	19.7	10—	—	—	18.3	18.1	...	...	...	...	...	...			
Renter-occupied housing units -----																										
PERSONS IN UNIT																										
1 person -----	5 417	5 417	497	1 397	466	693	558	839	804	251	662	399	1 043	1 159	514	1 302	1 773	38.4	38.4	38.4	38.4	38.4	38.4			
2 persons -----	3 553	3 553	259	489	58	354	502	345	522	175	533	364	382	450	201	865	1 580	56.6	56.6	56.6	56.6	56.6	56.6			
3 persons -----	1 620	1 620	153	320	96	178	52	125	249	46	64	35	215	200	105	232	177	29.2	29.2	29.2	29.2	29.2	29.2			
4 persons -----	973	973	46	368	124	76	124	27	25	8	21	—	86	103	69	45	12	40.9	40.9	40.9	40.9	40.9	40.9			
5 persons -----	483	483	39	141	114	15	15	20	8	7	10	—	25	67	33	4	—	32.6	32.6	32.6	32.6	32.6	32.6			
6 or more persons -----	311	311	—	79	74	70	4	11	11	—	—	—	—	—	—	28	—	40.9	40.9	40.9	40.9	40.9	40.9			
Median -----	1.71	1.71	2.46	3.15	4.14	2.48	2.06	1.73	1.27	1.22	1.12	1.05	1.92	1.90	2.03	1.25	1.06	...	...	...	...	...	...			
Total persons -----	25 199	25 199	1 405	4 275	1 973	2 070	1 221	1 598	1 117	371	912	483	2 094	2 478	1 244	2 036	1 922	...	...	...	...	...	...			
PLUMBING FACILITIES BY PERSONS PER ROOM																										
Complete plumbing for exclusive use -----	11 800	11 800	485	1 379	461	682	546	788	766	244	552	304	973	1 119	509	1 265	1 727	38.1	38.1	38.1	38.1	38.1	38.1			
1.01 or more persons per room -----	281	281	11	87	60	40	12	5	38	7	110	—	14	23	6	28	46	35.1	35.1	35.1	35.1	35.1	35.1			
Lacking complete plumbing for exclusive use -----	557	557	12	18	5	11	—	51	—	—	—	—	70	40	5	37	—	32.0	32.0	32.0	32.0	32.0	32.0			
1.01 or more persons per room -----	18	18	—	7	—	6	—	—	—	—	—	—	—	—	—	—	—	...	...	...	...	...	...			
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																										
Specified renter-occupied housing units -----																										
Less than 15 percent -----	12 291	12 291	497	1 390	466	685	553	833	804	251	662	389	1 043	1 159	514	1 285	1 760	38.3	38.3	38.3	38.3	38.3	38.3			
15 to 19 percent -----	2 256	2 256	137	395	108	351	76	93	227	60	188	26	108	184	46	142	135	35.2	35.2	35.2	35.2	35.2	35.2			
20 to 24 percent -----	1 971	1 971	87	332	85	132	110	91	171	75	110	65	88	206	139	167	135	35.3	35.3	35.3	35.3	35.3	35.3			
25 to 29 percent -----	523	523	61	216	15	49	88	108	123	30	51	40	79	117												

**Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Binghamton city</b>													
Owner-occupied housing units .....	2 098	466	9	111	47	132	167	1 632	13	13	47	449	1 110
PLUMBING FACILITIES													
Complete plumbing for exclusive use .....	2 086	466	9	111	47	132	167	1 620	13	13	47	449	1 098
Lacking complete plumbing for exclusive use .....	12	—	—	—	—	—	—	12	—	—	—	—	12
UNITS IN STRUCTURE													
1, detached or attached .....	1 367	308	4	65	27	96	116	1 059	—	7	28	308	716
2 or more .....	731	158	5	46	20	36	51	573	13	6	19	141	394
Mobile home or trailer, etc. ....	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 .....	606	81	—	5	—	8	68	525	—	—	—	127	398
\$5,000 to \$9,999 .....	845	159	5	31	8	37	78	686	—	—	11	201	474
\$10,000 to \$12,499 .....	195	48	—	19	6	17	6	147	8	—	—	62	77
\$12,500 to \$14,999 .....	149	36	4	12	7	13	—	113	5	13	8	38	49
\$15,000 to \$19,999 .....	143	59	—	27	11	15	6	84	—	—	6	21	57
\$20,000 to \$24,999 .....	93	37	—	6	15	16	—	56	—	—	14	—	42
\$25,000 to \$34,999 .....	42	34	—	11	—	19	4	8	—	—	8	—	—
\$35,000 to \$49,999 .....	14	7	—	—	—	7	—	7	—	—	—	—	7
\$50,000 or more .....	11	5	—	—	—	—	5	6	—	—	—	—	6
Median .....	\$7 003	\$9 650	\$9 750	\$12 604	\$18 068	\$13 269	\$5 531	\$6 639	\$12 031	\$13 750	\$16 875	\$7 807	\$6 103
Mean .....	\$9 102	\$12 277	\$10 870	\$14 123	\$15 364	\$15 316	\$7 853	\$8 195	\$12 585	\$12 866	\$18 192	\$7 531	\$7 935
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units .....	1 312	280	4	55	27	83	111	1 032	—	7	28	308	689
With a mortgage .....	239	120	4	48	27	41	—	119	—	7	22	66	24
Less than \$200 .....	4	—	—	—	—	—	—	4	—	—	—	4	—
\$200 to \$249 .....	35	13	—	—	13	—	—	22	—	—	—	17	5
\$250 to \$299 .....	54	30	—	22	—	8	—	24	—	7	—	17	—
\$300 to \$349 .....	52	38	4	15	6	13	—	14	—	—	—	7	7
\$350 to \$399 .....	51	21	—	—	8	13	—	30	—	—	14	16	—
\$400 to \$499 .....	11	—	—	—	—	—	—	11	—	—	—	5	6
\$500 to \$599 .....	14	—	—	—	—	—	—	14	—	—	8	—	6
\$600 to \$749 .....	18	18	—	11	—	7	—	—	—	—	—	—	—
\$750 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$325	\$322	\$325	\$307	\$304	\$348	—	\$334	—	\$275	\$389	\$285	\$400
Not mortgaged .....	1 073	160	—	7	—	42	111	913	—	—	6	242	665
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	27	5	—	—	—	—	5	22	—	—	—	8	14
\$75 to \$99 .....	181	31	—	—	—	5	26	150	—	—	—	33	117
\$100 to \$124 .....	321	44	—	—	—	12	32	277	—	—	—	84	193
\$125 to \$149 .....	205	16	—	—	—	5	11	189	—	—	—	61	128
\$150 to \$199 .....	253	54	—	7	—	16	31	199	—	—	6	43	150
\$200 to \$249 .....	67	10	—	—	—	4	6	57	—	—	—	13	44
\$250 or more .....	19	—	—	—	—	—	—	19	—	—	—	—	19
Median .....	\$126	\$125	—	\$175	—	\$145	\$119	\$126	—	—	\$175	\$124	\$127
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979 .....	23.5	23.4	27.5	24.9	35.4	20.1	23.9	23.5	—	27.5	30.0	25.6	22.9
With a mortgage .....	35.9	24.3	27.5	36.4	35.4	22.3	—	45.9	—	27.5	43.8	41.7	50+
Not mortgaged .....	22.5	22.1	—	22.5	—	14.2	23.9	22.6	—	—	12.5	23.2	22.5
Income in 1979 below poverty level .....	333	13	—	—	—	8	5	320	—	—	—	115	205
Percent below poverty level .....	15.9	2.8	—	—	—	6.1	3.0	19.6	—	—	—	25.6	18.5
Renter-occupied housing units .....	5 417	1 939	345	522	175	533	364	3 478	382	450	201	865	1 580
PLUMBING FACILITIES													
Complete plumbing for exclusive use .....	4 981	1 665	307	492	168	429	269	3 316	331	420	196	828	1 541
Lacking complete plumbing for exclusive use .....	436	274	38	30	7	104	95	162	51	30	5	37	39
UNITS IN STRUCTURE													
1, detached or attached .....	194	53	—	—	17	6	30	141	14	6	5	37	79
2 .....	1 173	333	70	108	52	74	29	840	70	112	87	213	358
3 and 4 .....	1 284	529	99	182	48	107	93	755	85	145	56	214	255
5 to 9 .....	995	349	78	68	19	126	58	646	115	110	34	106	281
10 to 49 .....	1 060	507	85	151	34	144	93	553	98	66	14	188	187
50 or more .....	706	168	13	13	5	76	61	538	—	11	5	107	415
Mobile home or trailer, etc. ....	5	—	—	—	—	—	—	5	—	—	—	—	5
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 .....	2 245	696	153	111	35	163	234	1 549	143	63	28	414	901
\$5,000 to \$9,999 .....	1 758	544	120	115	43	189	77	1 214	197	150	97	276	494
\$10,000 to \$12,499 .....	543	226	21	121	29	33	22	317	28	127	20	103	39
\$12,500 to \$14,999 .....	349	160	36	48	15	50	11	189	14	67	27	40	41
\$15,000 to \$19,999 .....	299	170	10	92	20	42	6	129	—	29	29	26	45
\$20,000 to \$24,999 .....	117	88	5	23	25	27	8	29	—	8	—	6	15
\$25,000 to \$34,999 .....	70	35	—	12	8	15	—	35	—	6	—	—	29
\$35,000 to \$49,999 .....	10	—	—	—	—	—	—	10	—	—	—	—	10
\$50,000 or more .....	26	20	—	—	—	14	6	6	—	—	—	—	6
Median .....	\$6 118	\$7 257	\$5 855	\$10 723	\$10 819	\$7 515	\$4 430	\$5 648	\$5 930	\$10 236	\$9 215	\$5 348	\$4 626
Mean .....	\$7 819	\$9 394	\$6 084	\$10 375	\$11 989	\$11 676	\$6 533	\$6 942	\$5 824	\$10 035	\$9 719	\$6 405	\$6 272
GROSS RENT													
Specified renter-occupied housing units .....	5 392	1 929	345	522	175	533	354	3 463	382	450	201	856	1 574
Less than \$100 .....	752	223	19	24	5	70	105	529	32	31	5	121	340
\$100 to \$149 .....	1 326	575	74	80	63	240	118	751	75	87	46	170	373
\$150 to \$199 .....	1 786	645	130	213	58	160	84	1 141	184	212	75	317	353
\$200 to \$249 .....	962	304	78	160	18	30	18	658	91	89	34	181	263
\$250 to \$299 .....	255	83	18	31	21	8	5	172	—	31	18	34	89
\$300 to \$349 .....	49	26	—	—	—	—	—	23	—	—	—	—	15
\$350 to \$399 .....	37	15	—	—	—	7	8	22	—	—	8	—	22
\$400 to \$499 .....	49	—	—	—	—	—	—	49	—	—	—	—	49
\$500 or more .....	36	12	—	—	—	6	6	24	—	—	—	6	18
No cash rent .....	140	46	—	14	10	12	10	94	—	—	15	27	52
Median .....	\$164	\$159	\$182	\$185	\$171	\$140	\$132	\$166	\$171	\$176	\$170	\$166	\$158
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979 .....	29.7	25.1	30.7	21.1	19.3	22.9	32.1	33.3	38.0	21.5	20.0	33.3	37.8
Income in 1979 below poverty level .....	1 365	445	132	80	30	142	61	920	110	49	28	333	400
Percent below poverty level .....	25.2	22.9	38.3	15.3	17.1	26.6	16.8	26.5	28.8	10.9	13.9	38.5	25.3



Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Binghamton city					Binghamton city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----	131	37	21	73	Vacant for rent housing units -----	733	287	238	208
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms -----	—	—	—	—	1 room -----	140	64	34	42
4 rooms -----	—	—	—	—	2 rooms -----	24	5	16	3
5 rooms -----	53	14	6	33	3 rooms -----	248	127	69	52
6 rooms -----	18	—	—	18	4 rooms -----	104	36	32	36
7 rooms -----	15	8	7	—	5 rooms -----	135	45	58	32
8 or more rooms -----	45	15	8	22	6 rooms -----	61	10	23	28
Median -----	6.2	7.1	7.1	5.7	7 or more rooms -----	21	—	6	15
					Median -----	3.3	3.1	3.5	3.7
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use -----	131	37	21	73	Complete plumbing for exclusive use -----	615	224	221	170
Lacking complete plumbing for exclusive use -----	—	—	—	—	Lacking complete plumbing for exclusive use -----	118	63	17	38
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None -----	—	—	—	—	None -----	140	64	34	42
1 -----	8	—	8	—	1 -----	291	139	86	66
2 -----	46	14	6	26	2 -----	199	65	85	49
3 -----	35	—	—	35	3 -----	69	19	16	34
4 -----	42	23	7	12	4 -----	30	—	13	7
5 or more -----	—	—	—	—	5 or more -----	4	—	4	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 -----	21	14	—	7	1975 to March 1980 -----	4	—	4	—
1970 to 1974 -----	—	—	—	—	1970 to 1974 -----	25	—	25	—
1960 to 1969 -----	13	—	—	13	1960 to 1969 -----	58	12	11	35
1950 to 1959 -----	4	—	—	4	1950 to 1959 -----	13	—	8	5
1940 to 1949 -----	13	—	—	13	1940 to 1949 -----	16	4	5	7
1939 or earlier -----	80	23	21	36	1939 or earlier -----	617	271	185	161
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached -----	74	23	7	44	1, detached or attached -----	31	—	21	10
2 or more -----	57	14	14	29	2 -----	148	42	50	56
Mobile home or trailer -----	—	—	—	—	3 and 4 -----	158	75	46	37
<b>HEATING EQUIPMENT</b>					5 to 9 -----	108	45	30	33
Central heating system -----	124	37	21	66	10 to 49 -----	243	103	91	49
Other means -----	7	—	—	7	50 or more -----	45	22	—	23
None -----	—	—	—	—	Mobile home or trailer -----	—	—	—	—
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units -----	74	23	7	44	Specified vacant for rent housing units -----	733	287	238	208
Less than \$10,000 -----	7	—	7	—	Less than \$100 -----	53	9	27	17
\$10,000 to \$19,999 -----	1	—	—	1	\$100 to \$149 -----	216	82	55	79
\$20,000 to \$29,999 -----	21	—	—	21	\$150 to \$199 -----	246	139	78	29
\$30,000 to \$39,999 -----	19	8	—	11	\$200 to \$249 -----	134	52	47	35
\$40,000 to \$49,999 -----	—	—	—	—	\$250 to \$299 -----	51	5	27	19
\$50,000 to \$59,999 -----	4	—	—	4	\$300 to \$399 -----	10	—	4	6
\$60,000 to \$79,999 -----	15	8	—	7	\$400 or more -----	23	—	—	23
\$80,000 to \$99,999 -----	7	7	—	—	Median -----	\$174	\$174	\$179	\$156
\$100,000 or more -----	—	—	—	—					
Median -----	\$37 100	\$62 200	\$10000—	\$32 500					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Binghamton city								Binghamton city							
Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total -----	74	7	22	19	26	—	37 100	733	53	462	185	10	23	—	174
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use -----	74	7	22	19	26	—	37 100	615	36	375	185	10	9	—	181
Lacking complete plumbing for exclusive use -----	—	—	—	—	—	—	—	118	17	87	—	—	14	—	109
<b>BEDROOMS</b>															
None -----	—	—	—	—	—	—	—	140	17	94	11	—	18	—	121
1 -----	—	—	—	—	—	—	—	291	18	230	38	—	5	—	169
2 -----	4	—	—	—	4	—	52 500	199	18	105	76	—	—	—	192
3 -----	28	—	16	5	7	—	29 200	69	—	24	35	10	—	—	212
4 -----	42	7	6	14	15	—	37 900	30	—	5	25	—	—	—	285
5 or more -----	—	—	—	—	—	—	—	4	—	4	—	—	—	—	165
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980 -----	7	—	—	—	7	—	95 000	4	—	—	—	4	—	—	375
1970 to 1974 -----	—	—	—	—	—	—	—	25	—	—	25	—	—	—	242
1960 to 1969 -----	13	—	7	6	—	—	29 800	58	—	30	23	—	5	—	110
1950 to 1959 -----	4	—	—	—	4	—	52 500	13	—	13	—	—	—	—	175
1940 to 1949 -----	13	—	6	—	7	—	60 400	16	16	—	—	—	—	—	91
1939 or earlier -----	37	7	9	13	8	—	36 000	617	37	419	137	6	18	—	173
<b>UNITS IN STRUCTURE</b>															
1, detached or attached -----	74	7	22	19	26	—	37 100	31	—	22	9	—	—	—	195
2 or more -----	—	—	—	—	—	—	—	702	53	440	176	10	23	—	173
Mobile home or trailer -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



## Appendix A.—Area Classifications

REGIONS .....	A-1
STATES .....	A-1
PLACES .....	A-1
Incorporated Places .....	A-1
Census Designated Places .....	A-1
STANDARD METROPOLITAN STATISTICAL AREAS .....	A-1
Definition .....	A-1
SMSA Titles .....	A-1
New SMSA Standards .....	A-2
BOUNDARY CHANGES .....	A-2
AREA MEASUREMENT .....	A-2

### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.



## Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL .....	B-1	Persons .....	B-6
LIVING QUARTERS .....	B-1	Rooms .....	B-6
Housing Units .....	B-1	Persons Per Room .....	B-6
Comparability With 1970		Bedrooms .....	B-6
Census Housing Unit Data ..	B-2	STRUCTURAL	
Group Quarters .....	B-2	CHARACTERISTICS .....	B-6
Comparability With 1970 Cen-		Year Structure Built .....	B-6
sus Group Quarters Data ....	B-2	Units in Structure .....	B-6
Rules for Hotels, Room-		Stories in Structure .....	B-6
ing Houses, Etc. ....	B-2	Passenger Elevator .....	B-6
Staff Living Quarters .....	B-2	PLUMBING	
Year-Round Housing Units ..	B-2	CHARACTERISTICS .....	B-6
OCCUPANCY AND VACANCY		Plumbing Facilities .....	B-6
CHARACTERISTICS .....	B-2	Comparability With 1970	
Occupied Housing Units .....	B-2	Census Plumbing Facilities	
Householder .....	B-2	Data .....	B-6
Child .....	B-2	EQUIPMENT AND FUELS .....	B-6
Nonrelative .....	B-3	Heating Equipment .....	B-6
Age of Householder .....	B-3	Comparability With 1970	
Household Type .....	B-3	Census Heating Equipment	
Year Householder Moved		Data .....	B-6
Into Unit .....	B-3	Air Conditioning .....	B-7
Vacant Housing Units .....	B-3	Vehicles Available .....	B-7
Vacancy Status .....	B-3	Comparability With 1970	
Duration of Vacancy .....	B-3	Census Automobiles	
Tenure .....	B-3	Available Data .....	B-7
Condominium Housing Units ..	B-3	Fuels Used for House Heating	
Comparability With 1970		and Water Heating .....	B-7
Census Condominium		FINANCIAL	
Housing Unit Data .....	B-3	CHARACTERISTICS .....	B-7
Race of the Householder .....	B-3	Value .....	B-7
Comparability Between Sam-		Price Asked .....	B-7
ple and 100-Percent Data		Mortgage Status and Selected	
for Race of the Householder ..	B-4	Monthly Owner Costs .....	B-7
Comparability With 1970		Mortgage Status and Selected	
Census Data on Race of the		Monthly Owner Costs as a	
Householder .....	B-4	Percentage of House-	
Spanish/Hispanic Origin of		hold Income in 1979 .....	B-7
the Householder .....	B-5	Rent .....	B-7
Limitations of the Data		Gross Rent as a Percentage	
on Householders of		of Household Income	
Spanish/Hispanic Origin ....	B-5	in 1979 .....	B-8
Comparability Between		Household Income in 1979 ..	B-8
Sample and 100-Percent		Median Income .....	B-8
Data on Householders of		Comparability With 1970	
Spanish/Hispanic Origin ....	B-5	Census Income Data .....	B-8
Comparability With 1970		Poverty Status in 1979 .....	B-8
Census Data on House-		GENERAL	
holders of Spanish Origin		The 1980 census was conducted primarily	
and Householders of		through self-enumeration. The principal	
Spanish Heritage .....	B-5		
UTILIZATION			
CHARACTERISTICS .....	B-6		

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

## OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.



**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

#### **Comparability Between Sample and 100-Percent Data for Race of the Householder**

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

#### **Comparability With 1970 Census Data on Race of the Householder**

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race



category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study

results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980*."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

## **UTILIZATION CHARACTERISTICS**

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

## **STRUCTURAL CHARACTERISTICS**

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

## **PLUMBING CHARACTERISTICS**

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

## **EQUIPMENT AND FUELS**

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central



heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent.** "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent.** The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

### **Gross Rent as a Percentage of Household Income in 1979**

—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

### **Comparability With 1970 Census Income Data**

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.



## Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024





## Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE. . .	C-1
Armed Forces. . . . .	C-1
Crews of Merchant Vessels . . . .	C-1
Persons Away at School . . . . .	C-1
Persons in Institutions . . . . .	C-1
Persons Away From Their Residence on Census Day . . . .	C-1
Americans Abroad. . . . .	C-2
Citizens of Foreign Countries. . .	C-2
DATA COLLECTION PROCEDURES. . . . .	C-2
PROCESSING PROCEDURES. . . .	C-2

### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

## DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

## PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.



## Appendix D.—Accuracy of the Data

INTRODUCTION .....	D-1
SAMPLE DESIGN .....	D-1
ERRORS IN THE DATA .....	D-1
Calculation of Standard Errors .....	D-2
Totals and Percentages .....	D-2
Differences .....	D-2
Means .....	D-2
Medians .....	D-2
Confidence Intervals .....	D-3
Use of Tables to Compute Standard Errors .....	D-3
ESTIMATION PROCEDURE .....	D-3
CONTROL OF NONSAMPLING ERROR .....	D-5
Undercoverage .....	D-5
Respondent and Enumerator Error .....	D-5
Processing Error .....	D-6
Nonresponse .....	D-6
EDITING OF UNACCEPTABLE DATA .....	D-6
ALLOCATION TABLES .....	D-6

### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

## Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from



the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/  
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish  
Origin

Group	White Race
	Persons of Spanish Origin
	Male
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	Female
9-16	Same age categories as groups 1 to 8
	Persons Not of Spanish Origin
17-32	Same age and sex categories as groups 1 to 16
	Black Race
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	Asian, Pacific Islander Race
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	American Indian, Eskimo, or Aleut Race
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	Other Race (includes those races not listed above)
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

## Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin  
of Householder/Value or Rent

Group	Owner
	White Race (householder)
	Persons of Spanish Origin (householder)
	Value of House
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	Persons Not of Spanish Origin



9-16	Same value categories as groups 1 to 8	<i>Other Race (includes those races not listed above)</i>
	<i>Black Race</i>	169-190 Same rent—Spanish origin categories as groups 81 to 102
17-32	Same value—Spanish origin categories as groups 1 to 16	
<b>VACANT HOUSING UNITS</b>		
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16	<i>Group</i>
	<i>American Indian, Eskimo, or Aleut Race</i>	1 <i>Vacant for Rent</i>
49-64	Same value—Spanish origin categories as groups 1 to 16	2 <i>Vacant for Sale</i>
	<i>Other Race (includes those races not listed above)</i>	3 <i>Other Vacant</i>
65-80	Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin</i>	
	<i>Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
	<i>Black Race</i>	
103-124	Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i>	
125-146	Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i>	
147-168	Same rent—Spanish origin categories as groups 81 to 102	

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

### CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

## EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

## ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.



Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample.]

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample.]

Estimated Percentage	Base of percentage <sup>1/</sup>													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	0.2

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status.....	1.1	0.8	0.5
Tenure.....	1.2	0.9	0.5
Units in structure.....	1.1	0.9	0.5
Stories in structure.....	1.0	0.7	0.5
Passenger elevator.....	1.0	0.7	0.5
Source of water.....	1.0	0.8	0.5
Sewage disposal.....	1.1	0.9	0.6
Year structure built.....	1.1	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.2	0.9	0.5
Kitchen facilities.....	1.1	0.8	0.5
Number of bedrooms or bathrooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	1.0	0.5
Air conditioning.....	1.1	1.0	0.6
Vehicles available.....	1.1	0.9	0.5
Gross rent.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.8	0.5
Income.....	1.1	0.9	0.5
Poverty status.....	1.1	0.9	0.5
Complete plumbing facilities for exclusive use with 1.01 persons per room or more.....	1.1	0.8	0.5
Value.....	1.0	1.0	0.5



Table D.   **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

	Housing units	
	100-percent count	Percent in sample
<b>The SMSA</b> <b>Places of 50,000 or More and</b> <b>Central Cities of SMSA's</b>		
The SMSA -----	117 171	22.4
<b>PLACES OF 50,000 OR MORE AND CENTRAL</b> <b>CITIES OF SMSA's</b>		
Binghamton city -----	24 247	16.1





## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked *Son/daughter*. Foster children or wards living in the household should be marked *Roomer, boarder*.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the *Indian (American)* or *Other* circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark *Never married*.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for *Nursery school*.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark *Finished this grade (or year)* only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark *Yes, but also used by another household* if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark *Owned or being bought* if the living quarters are owned outright or are mortgaged. Also mark *Owned or being bought* if the living quarters are owned but the land is rented.

Mark *Rented for cash rent* if any money rent is paid. Rent may be paid by persons who are not members of your household.

*Occupied without payment of cash rent* includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid: Multiply rent by:

By the day	30
By the week	4
Every other week	2

If rent is paid: Divide rent by:

4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do *not* answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.



- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

## INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

*For persons born outside the United States:*

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do *not* mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
  - (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
  - (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
  - (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
  - (4) The circle **Not at all** should be filled for persons who do not speak English at all.
- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

## INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

**Part (1)** If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

**Part (2)** If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

**Part (3)** If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

**Part (4)** Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

## INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

## INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.



# INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark **Local** government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the **Yes** or **No** circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark **No** for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification,  
please write the correct apartment number or location here:

DC	A1	A2	A4	A5	A6
				L	

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario  
por correo en el sobre que se le incluye.

### A message from the Director, Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.





Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1	PERSON in column 2
		Last name	Last name
		First name Middle initial	First name Middle initial
<b>2. How is this person related to the person in column 1?</b>  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	<b>START</b> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister  If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
<b>3. Sex</b> Fill one circle.	<input type="radio"/> Male <input checked="" type="radio"/> Female	<input type="radio"/> Male <input checked="" type="radio"/> Female	
<b>4. Is this person —</b>  Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
<b>5. Age, and month and year of birth</b>  a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday 1    8    0    0 b. Month of birth 1    2    3    4    5    6    7    8    9 Jan.—Mar.    Apr.—June    July—Sept.    Oct.—Dec. <input checked="" type="radio"/>	a. Age at last birthday 1    8    0    0 b. Month of birth 1    2    3    4    5    6    7    8    9 Jan.—Mar.    Apr.—June    July—Sept.    Oct.—Dec. <input type="radio"/>	
<b>6. Marital status</b>  Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
<b>10. Did this person finish the highest grade (or year) attended?</b>  Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O



NOW PLEASE ANSWER QUESTIONS H1—H12  
FOR YOUR HOUSEHOLD

If you listed more than  
7 persons in Question 1,  
please see note on page 20.

**PERSON in column 7**

Last name \_\_\_\_\_ Middle initial \_\_\_\_\_

First name \_\_\_\_\_

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother  
☐ Son/daughter ☐ Other relative  
☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative  
☐ Partner, roommate  
☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian  
☐ Black or Negro ☐ Hawaiian  
☐ Japanese ☐ Guamanian  
☐ Chinese ☐ Samoan  
☐ Filipino ☐ Eskimo  
☐ Korean ☐ Aleut  
☐ Vietnamese ☐ Other — Specify \_\_\_\_\_  
☐ Indian (Amer.)  
Print tribe \_\_\_\_\_

a. Age at last birthday \_\_\_\_\_ c. Year of birth \_\_\_\_\_

b. Month of birth \_\_\_\_\_

☐ Jan.—Mar. ☐ Apr.—June  
☐ July—Sept. ☐ Oct.—Dec.

☐ Now married ☐ Separated  
☐ Widowed ☐ Never married  
☐ Divorced

☐ No (not Spanish/Hispanic)  
☐ Yes, Mexican, Mexican-Amer., Chicano  
☐ Yes, Puerto Rican  
☐ Yes, Cuban  
☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1  
☐ Yes, public school, public college  
☐ Yes, private, church-related  
☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)  
☐ Finished this grade (or year)  
☐ Did not finish this grade (or year)

CENSUS USE ONLY

A. ☐ I ☐ N ☐ O ☐ O

**H1.** Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

☐ Yes — On page 20 give name(s) and reason left out.  
☐ No

**H2.** Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

☐ Yes — On page 20 give name(s) and reason person is away.  
☐ No

**H3.** Is anyone visiting here who is not already listed?

☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  
☐ No

**H4.** How many living quarters, occupied and vacant, are at this address?

☐ One  
☐ 2 apartments or living quarters  
☐ 3 apartments or living quarters  
☐ 4 apartments or living quarters  
☐ 5 apartments or living quarters  
☐ 6 apartments or living quarters  
☐ 7 apartments or living quarters  
☐ 8 apartments or living quarters  
☐ 9 apartments or living quarters  
☐ 10 or more apartments or living quarters  
☐ This is a mobile home or trailer

**H5.** Do you enter your living quarters —

☐ Directly from the outside or through a common or public hall?  
☐ Through someone else's living quarters?

**H6.** Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

☐ Yes, for this household only  
☐ Yes, but also used by another household  
☐ No, have some but not all plumbing facilities  
☐ No plumbing facilities in living quarters

**H7.** How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

☐ 1 room ☐ 4 rooms ☐ 7 rooms  
☐ 2 rooms ☐ 5 rooms ☐ 8 rooms  
☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

**H8.** Are your living quarters —

☐ Owned or being bought by you or by someone else in this household?  
☐ Rented for cash rent?  
☐ Occupied without payment of cash rent?

**H9.** Is this apartment (house) part of a condominium?

☐ No  
☐ Yes, a condominium

**H10.** If this is a one-family house —

a. Is the house on a property of 10 or more acres?  
☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?  
☐ Yes ☐ No

**H11.** If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

☐ A mobile home or trailer  
☐ A house on 10 or more acres  
☐ A house with a commercial establishment or medical office on the property

☐ Less than \$10,000 ☐ \$50,000 to \$54,999  
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999  
☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999  
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999  
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999  
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999  
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999  
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999  
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999  
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999  
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999  
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

**H12.** If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

☐ Less than \$50 ☐ \$160 to \$169  
☐ \$50 to \$59 ☐ \$170 to \$179  
☐ \$60 to \$69 ☐ \$180 to \$189  
☐ \$70 to \$79 ☐ \$190 to \$199  
☐ \$80 to \$89 ☐ \$200 to \$224  
☐ \$90 to \$99 ☐ \$225 to \$249  
☐ \$100 to \$109 ☐ \$250 to \$274  
☐ \$110 to \$119 ☐ \$275 to \$299  
☐ \$120 to \$129 ☐ \$300 to \$349  
☐ \$130 to \$139 ☐ \$350 to \$399  
☐ \$140 to \$149 ☐ \$400 to \$499  
☐ \$150 to \$159 ☐ \$500 or more

FOR CENSUS USE ONLY

**A4.** Block number \_\_\_\_\_

**A6.** Serial number \_\_\_\_\_

**B.** Type of unit or quarters

Occupied

☐ First form  
☐ Continuation

Vacant

☐ Regular  
☐ Usual home elsewhere  
☐ Group quarters

☐ First form  
☐ Continuation

For vacant units

**C1.** Is this unit for —

☐ Year round use  
☐ Seasonal/Mig. — Skip C2, C3, and D.

**C2.** Vacancy status

☐ For rent  
☐ For sale only  
☐ Rented or sold, not occupied  
☐ Held for occasional use  
☐ Other vacant

**C3.** Is this unit boarded up?

☐ Yes ☐ No

**D.** Months vacant

☐ Less than 1 month  
☐ 1 up to 2 months  
☐ 2 up to 6 months  
☐ 6 up to 12 months  
☐ 1 year up to 2 years  
☐ 2 or more years

**E.** Indicators

1. ☐ Mail return  
2. ☐ Pop./F

**F.** Total persons

\_\_\_\_\_

<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul>	<b>H21a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>CENSUS USE</b>
<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul> <b>b. Is there a passenger elevator in this building?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22a.</b> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>	<b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22b.</b> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>	<b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	<b>H22c.</b> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>	<b>b. Gas</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used	<b>H22d.</b> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>	<b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>	<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
	<b>H26. Do you have a telephone in your living quarters?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	
	<b>H27. Do you have air conditioning?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul>	
	<b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul>	
	<b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	



## FOR YOUR HOUSEHOLD

Page 5

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer . . . . .
- A house on 10 or more acres . . . . .
- A condominium unit . . . . .
- A house with a commercial establishment or medical office on the property . . . . .

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ \_\_\_\_\_ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ \_\_\_\_\_ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ \_\_\_\_\_ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

## FOR CENSUS USE ONLY

①	2.	4.	②	2.	4.	③	2.	4.
S.S.	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	S.S.	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	S.S.	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
Yes	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	Yes	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	Yes	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
0	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	0	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	0	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2
No	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	No	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	No	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3
0	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	0	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	0	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4
0	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	0	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	0	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5
0	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	0	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	0	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6
0	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	0	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	0	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7
0	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	0	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	0	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8
0	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	0	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	0	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9
④	2.	4.	⑤	2.	4.	⑥	2.	4.
S.S.	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	S.S.	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	S.S.	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
Yes	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	Yes	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	Yes	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
0	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	0	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	0	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2
No	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	No	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	No	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3
0	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	0	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	0	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4
0	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	0	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	0	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5
0	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	0	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	0	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6
0	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	0	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	0	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7
0	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	0	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	0	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8
0	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	0	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	0	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9
⑦	2.	4.	GQ.	H30.	H31.	H32c.		
S.S.	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0		
Yes	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
0	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2		
No	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3		
0	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4		
0	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5		
0	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6		
0	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7		
0	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8		
0	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9		

<p><b>Name of Person 1 on page 2:</b></p> <p style="text-align: center;">Last name      First name      Middle initial</p> <hr/> <p><b>11. In what State or foreign country was this person born?</b>  <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p>_____  <i>Name of State or foreign country; or Puerto Rico, Guam, etc.</i></p> <p><b>12. If this person was born in a foreign country —</b>  <b>a. Is this person a naturalized citizen of the United States?</b>  <input type="radio"/> Yes, a naturalized citizen  <input type="radio"/> No, not a citizen  <input type="radio"/> Born abroad of American parents</p> <p><b>b. When did this person come to the United States to stay?</b>  <input type="radio"/> 1975 to 1980    <input type="radio"/> 1965 to 1969    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1970 to 1974    <input type="radio"/> 1960 to 1964    <input type="radio"/> Before 1950</p> <p><b>13a. Does this person speak a language other than English at home?</b>  <input type="radio"/> Yes    <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p><b>b. What is this language?</b>    _____  <i>(For example — Chinese, Italian, Spanish, etc.)</i></p> <p><b>c. How well does this person speak English?</b>  <input type="radio"/> Very well    <input type="radio"/> Not well  <input type="radio"/> Well    <input type="radio"/> Not at all</p> <p><b>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</b>    _____  <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i></p> <p><b>15a. Did this person live in this house five years ago (April 1, 1975)?</b>  <i>If in college or Armed Forces in April 1975, report place of residence there.</i>  <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i>  <input type="radio"/> Yes, this house — <i>Skip to 16</i>  <input type="radio"/> No, different house</p> <p><b>b. Where did this person live five years ago (April 1, 1975)?</b>  <b>(1) State, foreign country, Puerto Rico, Guam, etc.:</b> _____  <b>(2) County:</b> _____  <b>(3) City, town, village, etc.:</b> _____  <b>(4) Inside the incorporated (legal) limits of that city, town, village, etc.?</b>  <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area</p>	<p><b>16. When was this person born?</b>  <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i>  <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i></p> <p><b>17. In April 1975 (five years ago) was this person —</b>  <b>a. On active duty in the Armed Forces?</b>  <input type="radio"/> Yes    <input type="radio"/> No  <b>b. Attending college?</b>  <input type="radio"/> Yes    <input type="radio"/> No  <b>c. Working at a job or business?</b>  <input type="radio"/> Yes, full time    <input type="radio"/> No  <input type="radio"/> Yes, part time</p> <p><b>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?</b>  <i>If service was in National Guard or Reserves only, see instruction guide.</i>  <input type="radio"/> Yes    <input type="radio"/> No — <i>Skip to 19</i></p> <p><b>b. Was active-duty military service during —</b>  <i>Fill a circle for each period in which this person served.</i>  <input type="radio"/> May 1975 or later  <input type="radio"/> Vietnam era (August 1964–April 1975)  <input type="radio"/> February 1955–July 1964  <input type="radio"/> Korean conflict (June 1950–January 1955)  <input type="radio"/> World War II (September 1940–July 1947)  <input type="radio"/> World War I (April 1917–November 1918)  <input type="radio"/> Any other time</p> <p><b>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</b>  <table style="width: 100%;"> <tr> <td style="width: 80%;"></td> <td style="text-align: center;"><b>Yes</b></td> <td style="text-align: center;"><b>No</b></td> </tr> <tr> <td><b>a. Limits the kind or amount of work this person can do at a job? . . . .</b></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td><b>b. Prevents this person from working at a job?</b></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td><b>c. Limits or prevents this person from using public transportation? . . . . .</b></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </table> <p><b>20. If this person is a female —</b>  <b>How many babies has she ever had, not counting stillbirths?</b>  <i>Do not count her stepchildren or children she has adopted.</i>  <table style="width: 100%;"> <tr> <td style="text-align: center;">None</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">8</td> <td style="text-align: center;">9</td> <td style="text-align: center;">10</td> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> <td style="text-align: center;">or more</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </table> <p><b>21. If this person has ever been married —</b>  <b>a. Has this person been married more than once?</b>  <input type="radio"/> Once    <input type="radio"/> More than once  <b>b. Month and year of marriage?      Month and year of first marriage?</b>  <table style="width: 100%;"> <tr> <td style="text-align: center;">(Month)</td> <td style="text-align: center;">(Year)</td> <td style="text-align: center;">(Month)</td> <td style="text-align: center;">(Year)</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table> <b>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</b>  <input type="radio"/> Yes    <input type="radio"/> No</p> </p></p>		<b>Yes</b>	<b>No</b>	<b>a. Limits the kind or amount of work this person can do at a job? . . . .</b>	<input type="radio"/>	<input type="radio"/>	<b>b. Prevents this person from working at a job?</b>	<input type="radio"/>	<input type="radio"/>	<b>c. Limits or prevents this person from using public transportation? . . . . .</b>	<input type="radio"/>	<input type="radio"/>	None	1	2	3	4	5	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7	8	9	10	11	12	or more	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	(Month)	(Year)	(Month)	(Year)	_____	_____	_____	_____	<p><b>22a. Did this person work at any time last week?</b>  <input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i>  <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i>  <div style="text-align: right;"><i>Skip to 25</i></div></p> <p><b>b. How many hours did this person work last week (at all jobs)?</b>  <i>Subtract any time off; add overtime or extra hours worked.</i>  <div style="text-align: right;">Hours <input type="text"/></div></p> <p><b>23. At what location did this person work last week?</b>  <i>If this person worked at more than one location, print where he or she worked most last week.</i>  <i>If one location cannot be specified, see instruction guide.</i>  <b>a. Address (Number and street)</b> _____  <i>If street address is not known, enter the building name, shopping center, or other physical location description.</i>  <b>b. Name of city, town, village, borough, etc.</b> _____  <b>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</b>  <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area  <b>d. County</b> _____  <b>e. State</b> _____ <b>f. ZIP Code</b> _____</p> <p><b>24a. Last week, how long did it usually take this person to get from home to work (one way)?</b>  <div style="text-align: right;">Minutes <input type="text"/></div></p> <p><b>b. How did this person usually get to work last week?</b>  <i>If this person used more than one method, give the one usually used for most of the distance.</i>  <input type="radio"/> Car    <input type="radio"/> Taxicab  <input type="radio"/> Truck    <input type="radio"/> Motorcycle  <input type="radio"/> Van    <input type="radio"/> Bicycle  <input type="radio"/> Bus or streetcar    <input type="radio"/> Walked only  <input type="radio"/> Railroad    <input type="radio"/> Worked at home  <input type="radio"/> Subway or elevated    <input type="radio"/> Other — <i>Specify</i> _____  <i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>
	<b>Yes</b>	<b>No</b>																																																
<b>a. Limits the kind or amount of work this person can do at a job? . . . .</b>	<input type="radio"/>	<input type="radio"/>																																																
<b>b. Prevents this person from working at a job?</b>	<input type="radio"/>	<input type="radio"/>																																																
<b>c. Limits or prevents this person from using public transportation? . . . . .</b>	<input type="radio"/>	<input type="radio"/>																																																
None	1	2	3	4	5	6																																												
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																												
7	8	9	10	11	12	or more																																												
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																												
(Month)	(Year)	(Month)	(Year)																																															
_____	_____	_____	_____																																															
<b>FOR CENSUS USE ONLY</b>																																																		
Per. No.	11.	13b.	14.	15b.	23.	VL	24a.																																											
1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1																																											
2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2																																											
3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3																																											
4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4																																											
5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5																																											
6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6																																											
7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7																																											
8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8																																											
9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9																																											



➔ Please turn to the next page and answer the questions for Person 2 on page 2





## Appendix F.—Publication and Computer Tape Program

GENERAL . . . . .	F-1	PUBLICATIONS—Con.	
PUBLICATIONS . . . . .	F-1	HC80-5, Volume 5, Residen-	
Population and Housing Census		tial Finance . . . . .	F-4
Reports . . . . .	F-1	HC80-S1-1, Supplementary	
PHC80-1, Block Statistics . . .	F-1	Reports . . . . .	F-4
PHC80-2, Census Tracts . . .	F-2	Evaluation and Reference	
PHC80-3, Summary Charac-		Reports . . . . .	F-4
teristics for Governmental		PHC80-E, Evaluation and	
Units and Standard Metro-		Research Reports. . . . .	F-4
politan Statistical Areas . . .	F-2	PHC80-R, Reference Reports. .	F-4
PHC80-4, Congressional		PHC80-R1, Users' Guide. . .	F-4
Districts of the 98th		PHC80-R2, History . . . . .	F-4
Congress . . . . .	F-2	PHC80-R3, Alphabetical	
PHC80-S1-1, Provisional		Index of Industries and	
Estimates of Social, Eco-		Occupations . . . . .	F-4
nomics, and Housing		PHC80-R4, Classified	
Characteristics. . . . .	F-2	Index of Industries and	
PHC80-S2, Advance Esti-		Occupations . . . . .	F-4
mates of Social, Economic,		PHC80-R5, Geographic	
and Housing Characteristics. .	F-2	Identification Code	
Population Census Reports . . .	F-2	Scheme . . . . .	F-4
PC80-1, Volume 1, Charac-		COMPUTER TAPES . . . . .	F-4
teristics of the Population . .	F-2	Summary Tape Files . . . . .	F-4
PC80-1-A, Chapter A, Num-		STF 1 . . . . .	F-4
ber of Inhabitants . . . . .	F-2	STF 2 . . . . .	F-4
PC80-1-B, Chapter B, General		STF 3 . . . . .	F-4
Population Characteristics. . .	F-2	STF 4 . . . . .	F-5
PC80-1-C, Chapter C, General		STF 5 . . . . .	F-5
Social and Economic		Other Computer Tape Files. . .	F-5
Characteristics. . . . .	F-3	P.L. 94-171, Population	
PC80-1-D, Chapter D,		Counts. . . . .	F-5
Detailed Population		Master Area Reference Files	
Characteristics. . . . .	F-3	1 and 2 (MARF) . . . . .	F-5
PC80-2, Volume 2, Subject		Geographic Base File/Dual	
Reports . . . . .	F-3	Independent Map Encoding	
PC80-S1, Supplementary		(GBF/DIME). . . . .	F-5
Reports . . . . .	F-3	Public-Use Microdata	
Housing Census Reports . . . .	F-3	Samples. . . . .	F-5
HC80-1, Volume 1, Charac-		Census/EEO Special File. . . .	F-5
teristics of Housing Units . .	F-3	MAPS . . . . .	F-5
HC80-1-A, Chapter A,		MICROFICHE . . . . .	F-5
General Housing		STF 1 Microfiche . . . . .	F-5
Characteristics. . . . .	F-3	STF 3 Microfiche . . . . .	F-5
HC80-1-B, Chapter B,		P.L. 94-171 Counts Microfiche. .	F-5
Detailed Housing			
Characteristics. . . . .	F-3		
HC80-2, Volume 2, Metro-			
politan Housing			
Characteristics. . . . .	F-3		
HC80-3, Volume 3, Subject			
Reports . . . . .	F-3		
HC80-4, Volume 4, Compo-			
nents of Inventory Change. .	F-3		

### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

**PHC80-1, Block Statistics**—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

## Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,



SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

## Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)



with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

### **HC80-5, Volume 5, Residential Finance—**

This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

### **HC80-S1-1, Supplementary Reports—**

These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

## **Evaluation and Reference Reports**

**PHC80-E, Evaluation and Research Reports—**These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports—**These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide—**This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History—**This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations—**This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations—**This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme—**This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## **COMPUTER TAPES**

### **Summary Tape Files**

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1—**This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2—**This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3—**This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.



**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

---

# 1980 Census of Population and Housing

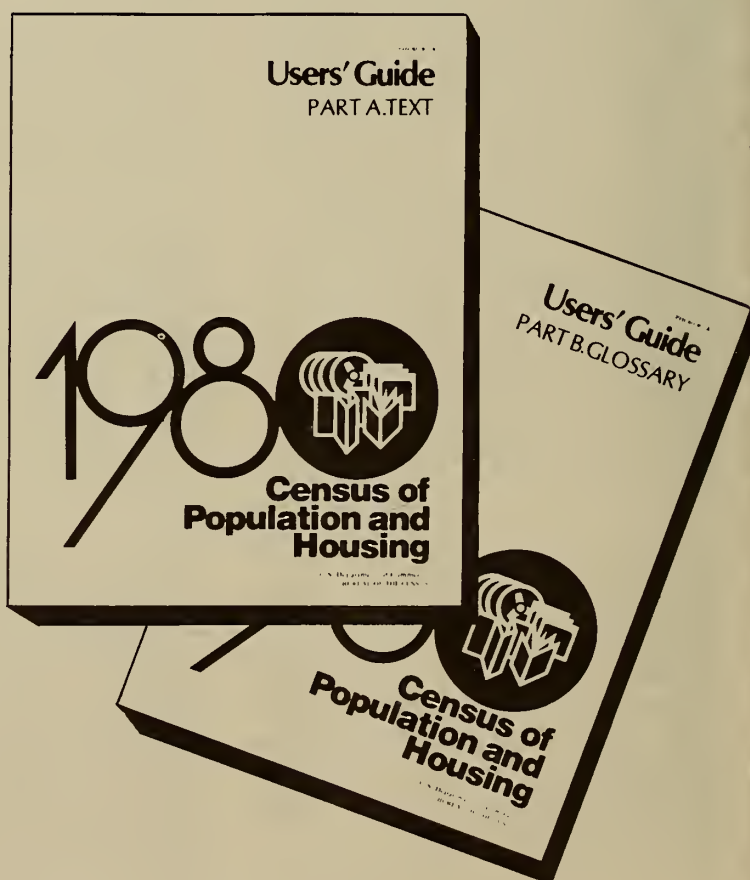
## Users' Guide

---

The **Users' Guide**, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



---

Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)



Census REF HD 7293 .A56x  
1983 v.2 pt.92 c.1  
Census of housing (1980).  
1980 census of housing.

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

Official Business

Penalty for Private Use, \$300



POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE  
COM-202

---

Special Fourth-Class  
Rate—Book

